

Nontechnical Descriptions
Arecibo Area, Puerto Rico Northern Part

AaC - Aceitunas Sandy Clay Loam, 5 To 12 Percent Slopes

THE ACEITUNAS SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON COASTAL PLAINS. THEY FORMED IN FINE TEXTURED SEDIMENTS. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN CLAY SURFACE LAYER 7 INCHES THICK. THE SUBSOIL FROM 7 TO 36 INCHES IS YELLOWISH RED CLAY AND FROM 36 TO 60 INCHES IS RED CLAY.

Aceitunas arenoso arcilloso lomico, 5-12 por ciento de inclinacion. Suelos profundos, bien drenados, de fuerte a muy fuertemente acidos, textura moderadamente fina, son inclinados y con erosion moderada. La permeabilidad es moderada, la capacidad de retencion de agua es moderada y son un poco dificil de trabajar cuando estan mojados. La escorrentia y la fertilidad son moderadas.

AcC - Aceitunas Clay, 5 To 12 Percent Slopes

THE ACEITUNAS SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON COASTAL PLAINS. THEY FORMED IN FINE TEXTURED SEDIMENTS. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN CLAY SURFACE LAYER 7 INCHES THICK. THE SUBSOIL FROM 7 TO 36 INCHES IS YELLOWISH RED CLAY AND FROM 36 TO 60 INCHES IS RED CLAY.

Aceitunas arcilloso, 5-12 por ciento de inclinacion. Suelos profundos, bien drenados, de fuerte a muy fuertemente acidos y erosion moderada. La permeabilidad y la capacidad de retencion de agua es moderada. La escorrentia y fertilidad natural son moderadas.

AdF2 - Adjuntas Clay, 40 To 60 Percent Slopes, Eroded

THE ADJUNTAS SERIES CONSISTS OF MODERATELY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCK. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY SURFACE LAYER 5 INCHES THICK. THE SUBSOIL FROM 5 TO 10 INCHES IS DARK BROWN AND STRONG BROWN CLAY FROM 10 TO 17 INCHES IS STRONG BROWN CLAY AND FROM 17 TO 24 INCHES IS YELLOW, WHITE, AND BROWNISH YELLOW CLAY. WEATHERED VOLCANIC ROCK IS AT 24 INCHES AND SEMICONOLIDATED VOLCANIC ROCK IS AT 48 INCHES.

Adjuntas arcilloso, 40-60 por ciento de inclinacion. Suelos moderadamente profundos, bien drenados, muy fuertemente acidos, textura fina, muy riscosos y muy erosivos. La permeabilidad y la capacidad de retencion de agua es moderada. La escorrentia es muy rapida. Su fertilidad es moderada.

AgC - Algarrobo Fine Sand, 2 To 12 Percent Slopes

THE ALGARROBO SERIES CONSISTS OF VERY DEEP, EXCESSIVELY DRAINED SOILS ON COASTAL PLAINS. THEY FORMED IN SANDY SEDIMENTS AND THE UNDERLYING CLAYEY SEDIMENTS. TYPICALLY THESE SOILS HAVE A GRAY FINE SAND SURFACE LAYER 11 INCHES THICK AND A LIGHT GRAY FINE SAND SUBSURFACE LAYER FROM 11 INCHES TO 32 INCHES. THE SUBSOIL FROM 32 TO 37 INCHES IS BLACK TO DARK BROWN SANDY LOAM. FROM 37 TO 68 INCHES IS LIGHT GRAY SANDY CLAY.

Algarrobo arenoso fino, 2-12 por ciento de inclinacion. Suelos profundos, excesivamente drenados, de fuerte a extremadamente acidos, textura gruesa, de suavemente inclinados a inclinados con permeabilidad rapida en la parte superior y lenta en la parte inferior. La erosion es de leve a ninguna. La escorrentia es lenta. La capacidad de retencion de humedad es muy baja, faciles de trabajar y de baja fertilidad.

AlB - Almirante Sandy Loam, 2 To 5 Percent Slopes

THE ALMIRANTE SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN COASTAL PLAINS. THEY FORMED IN CLAYEY SEDIMENTS OF MIXED ORIGIN. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY SURFACE LAYER 7 INCHES THICK. THE UPPER SUBSOIL TO A DEPTH OF 34 INCHES IS STRONG BROWN CLAY. THE MIDDLE SUBSOIL IS BROWNISH YELLOW AND DARK RED CLAY. THE LOWER SUBSOIL TO 60 INCHES IS CLAY WITH BROWNISH YELLOW, DARK RED, AND LIGHT GRAY COLORS.

Almirante arenoso lomico, 2-5 por ciento de inclinacion. Suelos profundos, bien drenados, muy fuertemente acidos, textura moderadamente gruesa, suavemente inclinados y erosion leve. La permeabilidad es moderada. La capacidad de retencion de agua es baja. La escorrentia es lenta. Son faciles de trabajar y su fertilidad es baja a moderada.

Nontechnical Descriptions
Arecibo Area, Puerto Rico Northern Part

AlC - Almirante Sandy Loam, 5 To 12 Percent Slopes

THE ALMIRANTE SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN COASTAL PLAINS. THEY FORMED IN CLAYEY SEDIMENTS OF MIXED ORIGIN. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY SURFACE LAYER 7 INCHES THICK. THE UPPER SUBSOIL TO A DEPTH OF 34 INCHES IS STRONG BROWN CLAY. THE MIDDLE SUBSOIL IS BROWNISH YELLOW AND DARK RED CLAY. THE LOWER SUBSOIL TO 60 INCHES IS CLAY WITH BROWNISH YELLOW, DARK RED, AND LIGHT GRAY COLORS.

Almirante arenoso lomico, 5-12 por ciento de inclinacion. Suelos profundos, bien drenados, muy fuertemente acidos, textura moderadamente gruesa, fuertemente inclinados con permeabilidad y erosin moderada. La capacidad de retencion de agua es baja en la superficie y moderada en el subsuelo. Son faciles de trabajar y su fertilidad es de baja a moderada. La escorrentia es moderada.

AmB - Almirante Sandy Clay Loam, 2 To 5 Percent Slopes

THE ALMIRANTE SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN COASTAL PLAINS. THEY FORMED IN CLAYEY SEDIMENTS OF MIXED ORIGIN. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY SURFACE LAYER 7 INCHES THICK. THE UPPER SUBSOIL TO A DEPTH OF 34 INCHES IS STRONG BROWN CLAY. THE MIDDLE SUBSOIL IS BROWNISH YELLOW AND DARK RED CLAY. THE LOWER SUBSOIL TO 60 INCHES IS CLAY WITH BROWNISH YELLOW, DARK RED, AND LIGHT GRAY COLORS.

Almirante arenoso arcilloso lomico, 2-5 por ciento de inclinacion. Suelos profundos, bien drenados, muy fuertemente acidos, de textura moderadamente fina, permeabilidad moderada y erosin leve a moderada. La capacidad de retencion de agua es moderada. Su fertilidad natural y escorrentia son moderadas.

AmC - Almirante Sandy Clay Loam, 5 To 12 Percent Slopes

THE ALMIRANTE SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN COASTAL PLAINS. THEY FORMED IN CLAYEY SEDIMENTS OF MIXED ORIGIN. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY SURFACE LAYER 7 INCHES THICK. THE UPPER SUBSOIL TO A DEPTH OF 34 INCHES IS STRONG BROWN CLAY. THE MIDDLE SUBSOIL IS BROWNISH YELLOW AND DARK RED CLAY. THE LOWER SUBSOIL TO 60 INCHES IS CLAY WITH BROWNISH YELLOW, DARK RED, AND LIGHT GRAY COLORS.

Almirante arenoso arcilloso lomico, 5-12 por ciento de inclinacion. Suelos profundos, bien drenados, muy fuertemente acidos, textura moderadamente fina, son inclinados y con erosin moderada. La permeabilidad y capacidad de retencion de agua son moderadas y un poco dificil de trabajar cuando estan mojados. La escorrentia y la fertilidad son moderadas.

AnB - Almirante Clay, 2 To 5 Percent Slopes

THE ALMIRANTE SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN COASTAL PLAINS. THEY FORMED IN CLAYEY SEDIMENTS OF MIXED ORIGIN. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY SURFACE LAYER 7 INCHES THICK. THE UPPER SUBSOIL TO A DEPTH OF 34 INCHES IS STRONG BROWN CLAY. THE MIDDLE SUBSOIL IS BROWNISH YELLOW AND DARK RED CLAY. THE LOWER SUBSOIL TO 60 INCHES IS CLAY WITH BROWNISH YELLOW, DARK RED, AND LIGHT GRAY COLORS.

Almirante arcilloso, 2-5 por ciento de inclinacion. Suelos profundos, bien drenados, muy fuertemente acidos y de textura fina. La permeabilidad y la capacidad de retencion de humedad son moderadas y son un poco dificil de trabajar cuando estan mojados. La erosin es leve a moderada. La fertilidad y la escorrentia son moderadas.

AnC - Almirante Clay, 5 To 12 Percent Slopes

THE ALMIRANTE SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN COASTAL PLAINS. THEY FORMED IN CLAYEY SEDIMENTS OF MIXED ORIGIN. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY SURFACE LAYER 7 INCHES THICK. THE UPPER SUBSOIL TO A DEPTH OF 34 INCHES IS STRONG BROWN CLAY. THE MIDDLE SUBSOIL IS BROWNISH YELLOW AND DARK RED CLAY. THE LOWER SUBSOIL TO 60 INCHES IS CLAY WITH BROWNISH YELLOW, DARK RED, AND LIGHT GRAY COLORS.

Almirante arcilloso, 5-12 por ciento de inclinacion. Suelos profundos, bien drenados, muy fuertemente acidos y erosin moderada. La permeabilidad y la capacidad de retencion de agua son moderadas. La escorrentia y fertilidad natural son moderadas.

Nontechnical Descriptions
Arecibo Area, Puerto Rico Northern Part

AoD2 - Alonso Clay, 12 To 20 Percent Slopes, Eroded

THE ALONSO SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN CLAY SURFACE LAYER 6 INCHES THICK. THE SUBSOIL FROM 6 TO 16 INCHES IS DUSKY RED CLAY AND FROM 16 TO 53 INCHES IS DARK REDDISH BROWN CLAY. THE SUBSTRATUM FROM 53 TO 60 INCHES IS CLAY SAPROLITE.

Alonso arcilloso, 12-20 por ciento de inclinacion. Suelo profundo, bien drenado, muy fuertemente acido, textura fina, de inclinado a moderadamente riscoso, con permeabilidad y erosión moderada. La capacidad de retención de agua es alta, la escorrentía es rápida y la fertilidad moderada.

AoE2 - Alonso Clay, 20 To 40 Percent Slopes, Eroded

THE ALONSO SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN CLAY SURFACE LAYER 6 INCHES THICK. THE SUBSOIL FROM 6 TO 16 INCHES IS DUSKY RED CLAY AND FROM 16 TO 53 INCHES IS DARK REDDISH BROWN CLAY. THE SUBSTRATUM FROM 53 TO 60 INCHES IS CLAY SAPROLITE.

Alonso arcilloso, 20-40 por ciento de inclinación, erodado. Suelos profundos, bien drenados, muy fuertemente acidos, textura fina, riscosos, permeabilidad y erosión moderada. La capacidad de retención de humedad es alta, la fertilidad moderada y la escorrentía rápida.

AoF2 - Alonso Clay, 40 To 60 Percent Slopes, Eroded

THE ALONSO SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN CLAY SURFACE LAYER 6 INCHES THICK. THE SUBSOIL FROM 6 TO 16 INCHES IS DUSKY RED CLAY AND FROM 16 TO 53 INCHES IS DARK REDDISH BROWN CLAY. THE SUBSTRATUM FROM 53 TO 60 INCHES IS CLAY SAPROLITE.

Alonso arcilloso, 40-60 por ciento de inclinación, erodado. Suelos profundos, bien drenados, muy fuertemente acidos, textura fina, muy riscosos, permeabilidad y erosión moderada. La capacidad de retención de humedad es alta y la fertilidad es moderada. La escorrentía es muy rápida.

ArC - Arecibo Fine Sand, 2 To 12 Percent Slopes

THE ARECIBO SERIES CONSISTS OF VERY DEEP, EXCESSIVELY DRAINED SOILS ON COASTAL PLAINS. THEY FORMED IN SANDY SEDIMENTS. TYPICALLY THESE SOILS HAVE GRAY FINE SAND SURFACE LAYERS AND SUBSURFACE LAYERS TO 20 INCHES. FROM 20 TO 68 INCHES THE LAYERS ARE WHITE AND BROWN FINE SAND. FROM 68 TO 99 INCHES ARE STRATIFIED LAYERS OF MAINLY BLACK, YELLOWISH BROWN, VERY PALE BROWN, AND WHITE SAND, LOAMY SAND, AND SANDY LOAM.

Arecibo arenoso fino, 2-12 por ciento de inclinación. Suelos profundos, excesivamente drenados, muy fuertemente acidos, textura gruesa, de suavemente inclinados a inclinados con permeabilidad muy rápida y erosión leve a ninguna. La capacidad de retención de humedad es muy baja, fáciles de trabajar y de baja fertilidad. La escorrentía es lenta.

Ba - Bajura Clay

THE BAJURA SERIES CONSISTS OF VERY DEEP, POORLY DRAINED SOILS ON FLOODPLAINS. THEY FORMED IN CLAYEY SEDIMENTS OF MIXED ORIGIN. TYPICALLY THESE SOILS HAVE A VERY DARK GRAYISH BROWN CLAY SURFACE LAYER 6 INCHES THICK. THE SUBSOIL FROM 6 TO 12 INCHES IS VERY DARK GRAYISH BROWN AND GRAY CLAY. THE SUBSTRATUM FROM 12 TO 54 INCHES IS DARK GRAY AND DARK GREENISH GRAY CLAY. SLOPES RANGE FROM 0 TO 2 PERCENT.

Bajura arcilloso. Suelo profundo, mal drenado, de ligeramente acido a neutral, textura fina, llano con permeabilidad lenta. La capacidad de retención de agua es alta, difícil de trabajar cuando está mojado y la fertilidad alta. El contenido de materia orgánica y el potencial de expansión son altos.

Nontechnical Descriptions
Arecibo Area, Puerto Rico Northern Part

BcB - Bayamon Sandy Loam, 2 To 5 Percent Slopes

THE BAYAMON SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON COASTAL PLAINS FORMED IN HIGHLY WEATHERED FINE TEXTURED SEDIMENTS. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN, CLAY SURFACE LAYER 8 INCHES THICK. THE UNDERLYING LAYER TO 60 INCHES IS RED CLAY.

Bayamon arenoso lomico, 2-5 por ciento de inclinacion. Suelos profundos, bien drenados, muy fuertemente acidos, textura moderadamente gruesa, suavemente inclinados y erosión leve. La permeabilidad es moderada. La capacidad de retención de agua es moderada. Son fáciles de trabajar y su fertilidad es baja a moderada. La escorrentía es lenta.

BcC - Bayamon Sandy Loam, 5 To 12 Percent Slopes

THE BAYAMON SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON COASTAL PLAINS FORMED IN HIGHLY WEATHERED FINE TEXTURED SEDIMENTS. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN, CLAY SURFACE LAYER 8 INCHES THICK. THE UNDERLYING LAYER TO 60 INCHES IS RED CLAY.

Bayamon arenoso lomico, 5-12 por ciento de inclinacion. Suelos profundos, bien drenados, muy fuertemente acidos, textura moderadamente gruesa, fuertemente inclinados con permeabilidad y erosión moderada. La capacidad de retención de agua es moderada. Son fáciles de trabajar y su fertilidad es baja. La escorrentía es moderada.

BsB - Bayamon Sandy Clay Loam, 2 To 5 Percent Slopes

THE BAYAMON SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON COASTAL PLAINS FORMED IN HIGHLY WEATHERED FINE TEXTURED SEDIMENTS. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN, CLAY SURFACE LAYER 8 INCHES THICK. THE UNDERLYING LAYER TO 60 INCHES IS RED CLAY.

Bayamon arenoso arcilloso lomico, 2-5 por ciento de inclinacion. Suelos profundos, bien drenados, muy fuertemente acidos, de textura moderadamente fina, permeabilidad moderada y erosión leve a moderada. La capacidad de retención de agua es moderada. La escorrentía y su fertilidad natural son moderadas.

BsC - Bayamon Sandy Clay Loam, 5 To 12 Percent Slopes

THE BAYAMON SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON COASTAL PLAINS FORMED IN HIGHLY WEATHERED FINE TEXTURED SEDIMENTS. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN, CLAY SURFACE LAYER 8 INCHES THICK. THE UNDERLYING LAYER TO 60 INCHES IS RED CLAY.

Bayamon arenoso arcilloso lomico, 5-12 por ciento de inclinacion. Suelos profundos, bien drenados, muy fuertemente acidos, textura moderadamente fina, son inclinados y con erosión moderada. La permeabilidad y la capacidad de retención de agua son moderadas y un poco difícil de trabajar cuando están mojados. La escorrentía y la fertilidad son moderadas.

ByB - Bayamon Clay, 2 To 5 Percent Slopes

THE BAYAMON SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON COASTAL PLAINS FORMED IN HIGHLY WEATHERED FINE TEXTURED SEDIMENTS. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN, CLAY SURFACE LAYER 8 INCHES THICK. THE UNDERLYING LAYER TO 60 INCHES IS RED CLAY.

Bayamon arcilloso, 2-5 por ciento de inclinacion. Suelos profundos, bien drenados, muy fuertemente acidos, de textura fina y permeabilidad moderada. La capacidad de retención de humedad es moderada y son un poco difícil de trabajar cuando están mojados. La erosión es leve a moderada. La fertilidad es moderada. La escorrentía es lenta.

Nontechnical Descriptions
Arecibo Area, Puerto Rico Northern Part

ByC - Bayamon Clay, 5 To 12 Percent Slopes

THE BAYAMON SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON COASTAL PLAINS FORMED IN HIGHLY WEATHERED FINE TEXTURED SEDIMENTS. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN, CLAY SURFACE LAYER 8 INCHES THICK. THE UNDERLYING LAYER TO 60 INCHES IS RED CLAY.

Bayamon arcilloso, 5-12 por ciento de inclinacion. Suelos profundos, bien drenados, muy fuertemente acidos y erosión moderada. La permeabilidad y la capacidad de retención de agua son moderadas. La escorrentía y fertilidad natural son moderadas.

CaF - Caguabo Clay Loam, 20 To 60 Percent Slopes

THE CAGUABO SERIES CONSISTS OF SHALLOW WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A DARK GRAYISH BROWN CLAY LOAM SURFACE LAYER 4 INCHES THICK. THE SUBSOIL FROM 4 TO 10 INCHES IS BROWN VERY GRAVELLY CLAY LOAM. WEATHERED ROCK FRAGMENTS ARE AT 10 TO 16 INCHES. CONSOLIDATED VOLCANIC ROCK IS AT 16 INCHES.

Caguabo arcilloso lomico, 20-60 por ciento de inclinacion. Suelo poco profundo, bien drenado, ligeramente acido, textura moderadamente fina, varían de riscosos a muy riscosos. La permeabilidad es moderada y la capacidad de retención de humedad es baja. La escorrentía es rápida. La fertilidad natural es alta.

CbF - Caguabo-Rock Outcrop Complex, 20 To 60 Percent Slopes

ROCK OUTCROP CONSISTS OF EXPOSURES OF BARE, HARD BEDROCK.
THE CAGUABO SERIES CONSISTS OF SHALLOW WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A DARK GRAYISH BROWN CLAY LOAM SURFACE LAYER 4 INCHES THICK. THE SUBSOIL FROM 4 TO 10 INCHES IS BROWN VERY GRAVELLY CLAY LOAM. WEATHERED ROCK FRAGMENTS ARE AT 10 TO 16 INCHES. CONSOLIDATED VOLCANIC ROCK IS AT 16 INCHES.

Complejo Caguabo-estrato rocoso, 20-60 por ciento de inclinacion. Este complejo consiste de suelos poco profundos, bien drenados, de riscosos a muy riscosos y con áreas de roca volcánica expuesta. El suelo Caguabo en este complejo tiene permeabilidad moderada y baja retención de agua. La escorrentía es rápida y son ligeramente acidos.

CcD - Caracoles Loam, 5 To 20 Percent Slopes

THE CARACOLES SERIES CONSISTS OF VERY SHALLOW, WELL DRAINED SOILS IN UPLANDS. THEY FORMED IN MEDIUM TEXTURED MATERIALS WEATHERED FROM CALCAREOUS SANDSTONE. TYPICALLY THESE SOILS HAVE VERY DARK GRAYISH BROWN, LOAM SURFACE LAYER 6 INCHES THICK. BELOW THIS LAYER THERE IS SEMICONsolidated CALCAREOUS SANDSTONE.

Caracoles lomico, 5-20 por ciento de inclinacion. Suelo muy poco profundo a la piedra arenisca caliza, bien drenados, neutro, textura mediana, inclinados y moderadamente riscosos. La permeabilidad es moderadamente rápida y la capacidad de retención de agua es baja. La escorrentía es moderada. La fertilidad es moderada y son un poco difícil de trabajar.

CcE - Caracoles Loam, 20 To 40 Percent Slopes

THE CARACOLES SERIES CONSISTS OF VERY SHALLOW, WELL DRAINED SOILS IN UPLANDS. THEY FORMED IN MEDIUM TEXTURED MATERIALS WEATHERED FROM CALCAREOUS SANDSTONE. TYPICALLY THESE SOILS HAVE VERY DARK GRAYISH BROWN, LOAM SURFACE LAYER 6 INCHES THICK. BELOW THIS LAYER THERE IS SEMICONsolidated CALCAREOUS SANDSTONE.

Caracoles lomico, 20-40 por ciento de inclinacion. Suelo muy poco profundo a la piedra arenisca caliza, neutro, textura mediana y riscosos. La permeabilidad es moderadamente rápida y la capacidad de retención de agua es baja. La fertilidad es moderada y son un poco difícil de trabajar.

Nontechnical Descriptions
Arecibo Area, Puerto Rico Northern Part

CeC - Carrizales Fine Sand, 2 To 12 Percent Slopes

THE CARRIZALES SERIES CONSISTS OF VERY DEEP, EXCESSIVELY DRAINED SOILS FORMED IN SANDY SEDIMENTS ON COASTAL PLAINS. TYPICALLY THESE SOILS HAVE A DARK BROWN FINE SAND SURFACE LAYER 8 INCHES THICK. THE UNDERLYING MATERIAL FROM 8 TO 32 INCHES IS BROWN FINE SAND, FROM 32 TO 50 INCHES IS LIGHT BROWN FINE SAND, AND FROM 50 TO 60 INCHES IS YELLOW FINE SAND.

Carrizales arenoso fino, 2-12 por ciento de inclinacion. Suelo profundo, excesivamente drenado, de fuerte a muy fuertemente acido, textura gruesa, ligeramente inclinado a inclinado, permeabilidad rapida y erosión leve. La capacidad de retención de humedad es baja, su fertilidad es baja y su escorrentia lenta.

Cf - Catano Sand

THE CATANO SERIES CONSISTS OF VERY DEEP, EXCESSIVELY DRAINED SOILS ALONG THE COAST. THEY FORMED IN CALCAREOUS SANDY SEDIMENTS CONSISTING OF SHELL FRAGMENTS AND VOLCANIC SUBROUNDED FRAGMENTS. TYPICALLY THESE SOILS HAVE A VERY DARK GRAYISH BROWN SAND SURFACE LAYER 4 INCHES THICK. THE UNDERLYING MATERIAL FROM 4 TO 10 INCHES IS DARK BROWN SAND, FROM 10 TO 50 INCHES IS BROWN SAND, AND FROM 50 TO 60 INCHES IS GRAYISH BROWN SAND.

Catano arenoso, 0-2 por ciento de inclinacion. Suelo profundo, excesivamente drenado, moderadamente alcalino, textura gruesa, suavemente inclinado con permeabilidad rapida y erosión leve. La escorrentia es lenta. La capacidad de retención de humedad es baja, son fáciles de trabajar y su fertilidad es baja.

Cg - Coastal Beaches

BEACHES ARE SANDY SHORES WASHED AND REWASHED BY WAVES. THESE AREAS MAY BE COVERED WITH WATER DURING HIGH TIDES OR STORMS.

Arenas de Costa. Suelo profundo, excesivamente drenado, calizo, casi llanos que ocurren en franjas estrechas a lo largo de la costa.

C1D2 - Colinas Clay Loam, 12 To 20 Percent Slopes, Eroded

THE COLINAS SERIES CONSISTS OF MODERATELY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY LOAM SURFACE LAYER 6 INCHES THICK. THE SUBSOIL FROM 6 TO 12 INCHES IS DARK GRAYISH BROWN CLAY LOAM AND FROM 12 TO 16 INCHES IS PALE BROWN CLAY LOAM. THE SUBSTRATUM FROM 16 TO 20 INCHES IS LIGHT YELLOWISH BROWN CLAY LOAM AND FROM 20 TO 60 INCHES IS SOFT, YELLOW AND WHITE LIMESTONE.

Colinas arcilloso lomico, 12-20 por ciento de inclinacion. Suelo moderadamente profundo, bien drenado, textura moderadamente fina, moderadamente alcalino, moderadamente riscoso con permeabilidad y erosión moderada. La escorrentia es rápida. La capacidad de retención de humedad es alta y la fertilidad es moderada.

C1E2 - Colinas Clay Loam, 20 To 40 Percent Slopes, Eroded

THE COLINAS SERIES CONSISTS OF MODERATELY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY LOAM SURFACE LAYER 6 INCHES THICK. THE SUBSOIL FROM 6 TO 12 INCHES IS DARK GRAYISH BROWN CLAY LOAM AND FROM 12 TO 16 INCHES IS PALE BROWN CLAY LOAM. THE SUBSTRATUM FROM 16 TO 20 INCHES IS LIGHT YELLOWISH BROWN CLAY LOAM AND FROM 20 TO 60 INCHES IS SOFT, YELLOW AND WHITE LIMESTONE.

Colinas arcilloso lomico, 20-40 por ciento de inclinacion. Suelo moderadamente profundo, bien drenado, textura moderadamente fina, moderadamente alcalino, riscoso con permeabilidad y erosión moderada. La escorrentia es rápida. La capacidad de retención de humedad es alta y la fertilidad moderada.

Nontechnical Descriptions
Arecibo Area, Puerto Rico Northern Part

C1F2 - Colinas Clay Loam, 40 To 60 Percent Slopes, Eroded

THE COLINAS SERIES CONSISTS OF MODERATELY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY LOAM SURFACE LAYER 6 INCHES THICK. THE SUBSOIL FROM 6 TO 12 INCHES IS DARK GRAYISH BROWN CLAY LOAM AND FROM 12 TO 16 INCHES IS PALE BROWN CLAY LOAM. THE SUBSTRATUM FROM 16 TO 20 INCHES IS LIGHT YELLOWISH BROWN CLAY LOAM AND FROM 20 TO 60 INCHES IS SOFT, YELLOW AND WHITE LIMESTONE.

Colinas arcilloso lomico, 40-60 por ciento de inclinacion. Suelo moderadamente profundo, bien drenado, textura moderadamente fina, moderadamente alcalino, muy riscoso con permeabilidad y erosión moderada. La escorrentia es rápida. La capacidad de retención de humedad es alta y la fertilidad moderada.

CmF2 - Colinas Cobbly Clay Loam, 20 To 60 Percent Slopes, Eroded

THE COLINAS SERIES CONSISTS OF MODERATELY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY LOAM SURFACE LAYER 6 INCHES THICK. THE SUBSOIL FROM 6 TO 12 INCHES IS DARK GRAYISH BROWN CLAY LOAM AND FROM 12 TO 16 INCHES IS PALE BROWN CLAY LOAM. THE SUBSTRATUM FROM 16 TO 20 INCHES IS LIGHT YELLOWISH BROWN CLAY LOAM AND FROM 20 TO 60 INCHES IS SOFT, YELLOW AND WHITE LIMESTONE.

Colinas arcilloso guijarroso, 20-60 por ciento de inclinacion. Suelo moderadamente profundo, bien drenado, textura moderadamente fina, moderadamente alcalino, muy riscoso, con permeabilidad moderada y erosión moderada. La escorrentia es rápida. La capacidad de retención de humedad es alta y fertilidad moderada.

Cn - Coloso Silty Clay

THE COLOSO SERIES CONSISTS OF VERY DEEP, SOMEWHAT POORLY DRAINED SOILS ON FLOODPLAINS. THEY FORMED IN STRATIFIED ALLUVIAL SEDIMENTS. TYPICALLY THESE SOILS HAVE A BROWN SILTY CLAY LOAM SURFACE LAYER 7 INCHES THICK. THE UNDERLYING MATERIAL FROM 7 TO 13 INCHES IS BROWN SILTY CLAY LOAM, FROM 13 TO 33 INCHES IS DARK GRAY AND LIGHT GRAY SILTY CLAY LOAM, AND FROM 33 TO 60 INCHES IS DARK GRAY SILTY CLAY.

Coloso limo arcilloso. Suelo profundo, un poco mal drenado, ligeramente ácido en la superficie y neutral en el subsuelo, llano, textura fina y con permeabilidad lenta. La capacidad de retención de humedad es alta. La escorrentia es lenta. Son fértils y la materia orgánica es alta. El subsuelo y el substrato tienen un alto potencial de expansión.

CoE - Consejo Clay, 20 To 40 Percent Slopes

THE CONSEJO SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A DARK BROWN AND DARK YELLOWISH BROWN CLAY SURFACE LAYER 5 INCHES THICK. THE SUBSOIL FROM 5 TO 18 INCHES IS DARK YELLOWISH BROWN CLAY AND FROM 18 TO 28 INCHES IS YELLOW, BROWNISH YELLOW, AND WHITE CLAY LOAM. THE SUBSTRATUM TO 60 INCHES IS MULTICOLORED CLAY LOAM.

Consejo arcilloso, 20-40 por ciento de inclinacion. Suelo profundo, bien drenado, riscoso, extremadamente ácido, textura fina con permeabilidad moderada. La capacidad de retención de agua es alta, la escorrentia es rápida y la erosión moderada.

CoF - Consejo Clay, 40 To 60 Percent Slopes

THE CONSEJO SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A DARK BROWN AND DARK YELLOWISH BROWN CLAY SURFACE LAYER 5 INCHES THICK. THE SUBSOIL FROM 5 TO 18 INCHES IS DARK YELLOWISH BROWN CLAY AND FROM 18 TO 28 INCHES IS YELLOW, BROWNISH YELLOW, AND WHITE CLAY LOAM. THE SUBSTRATUM TO 60 INCHES IS MULTICOLORED CLAY LOAM.

Consejo arcilloso, 40-60 por ciento de inclinacion. Suelo profundo, bien drenado, muy riscoso, extremadamente ácido, textura fina con permeabilidad moderada. La capacidad de retención de agua es alta, la escorrentia es rápida y la erosión moderada.

Nontechnical Descriptions
Arecibo Area, Puerto Rico Northern Part

CpE - Consumo Clay, 20 To 40 Percent Slopes

CONSUMO SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCK. TYPICALLY THESE SOILS HAVE A REDDISH BROWN CLAY SURFACE LAYER 6 INCHES THICK. THE SUBSOIL FROM 6 TO 14 INCHES IS RED CLAY AND FROM 14 TO 20 INCHES IS RED SILTY CLAY. THE SUBSTRATUM FROM 20 TO 60 INCHES IS RED, YELLOW, BROWN, AND LIGHT GRAY SILTY CLAY LOAM SAPROLITE.

Consumo arcilloso, 20-40 por ciento de inclinacion. Suelo moderadamente profundo al saprolito, bien drenado, textura fina, muy fuertemente acido, riscoso con permeabilidad y capacidad de humedad moderada. La escorrentia es rapida. La fertilidad es moderada.

CpF - Consumo Clay, 40 To 60 Percent Slopes

CONSUMO SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCK. TYPICALLY THESE SOILS HAVE A REDDISH BROWN CLAY SURFACE LAYER 6 INCHES THICK. THE SUBSOIL FROM 6 TO 14 INCHES IS RED CLAY AND FROM 14 TO 20 INCHES IS RED SILTY CLAY. THE SUBSTRATUM FROM 20 TO 60 INCHES IS RED, YELLOW, BROWN, AND LIGHT GRAY SILTY CLAY LOAM SAPROLITE.

Consumo arcilloso, 40-60 por ciento de inclinacion. Suelo moderadamente profundo al saprolito, bien drenado, textura fina, muy riscoso con permeabilidad y capacidad de humedad moderada. La escorrentia es rapida y son fuertemente acidos. La fertilidad es moderada.

CrC - Corozal Clay, 5 To 12 Percent Slopes

THE COROZAL SERIES CONSISTS OF VERY DEEP, SOMEWHAT POORLY DRAINED SOILS IN INTERFLUVES OF VOLCANIC HILLS. THEY FORMED IN MATERIAL DERIVED FROM VOLCANIC ROCK. TYPICALLY THESE SOILS HAVE DARK REDDISH BROWN, CLAY, SURFACE LAYER 7 INCHES THICK. THE UPPER SUBSOIL IS DARK RED AND GRAYISH BROWN, CLAY. THE LOWER SUBSOIL IS RED. THE SUBSTRATUM TO 60 INCHES IS CLAY LOAM SAPROLITE.

Corozal arcilloso, 5-12 por ciento de inclinacion. Suelo profundo, algo mal drenado, muy fuertemente acido en la superficie y extremadamente acido en el subsuelo, con permeabilidad lenta y la capacidad de retencion de agua es alta. La erosion es moderada. La escorrentia y fertilidad es moderada. Son un poco dificil de trabajar cuando estan mojados.

CsC - Corozo Fine Sand, 2 To 12 Percent Slopes

THE COROZO SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON COASTAL PLAINS. THEY FORMED IN SANDY OVER FINER SEDIMENTS. TYPICALLY THESE SOILS HAVE A LIGHT GRAY FINE SAND SURFACE LAYER 4 INCHES THICK. THE SUBSURFACE LAYERS FROM 4 TO 18 INCHES ARE GRAY AND LIGHT GRAY FINE SAND. THE SUBSOIL LAYERS FROM 18 TO 24 INCHES ARE BLACK, VERY DARK GRAYISH BROWN AND BROWN SANDY LOAM, FROM 24 TO 33 INCHES IS PALE BROWN CLAY, FROM 33 TO 40 INCHES IS BROWN LOAMY SAND AND FROM 40 TO 60 INCHES IS LIGHT GRAY SANDY LOAM.

Corozo arenoso fino, 2-12 por ciento de inclinacion. Suelos profundos, bien drenados, muy fuertemente acidos, textura gruesa, de suavemente inclinados a inclinados con permeabilidad rapida en la superficie y lenta en el subsuelo. La capacidad de retencion de humedad es baja, son faciles de trabajar y la fertilidad es baja. La erosion es poca. La escorrentia es lenta.

CtB - Coto Clay, 2 To 5 Percent Slopes

THE COTO SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON COASTAL PLAINS. THEY FORMED IN FINE TEXTURED SEDIMENTS DERIVED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY SURFACE LAYER 9 INCHES THICK. THE SUBSOIL FROM 9 TO 14 INCHES IS REDDISH BROWN CLAY, FROM 14 TO 19 INCHES IS YELLOWISH RED CLAY, AND FROM 19 TO 70 INCHES IS STRONG BROWN CLAY.

Coto arcilloso, 2-5 por ciento de inclinacion. Suelos profundos, bien drenados, de fuerte a muy fuertemente acidos, de textura fina y permeabilidad moderada. La capacidad de retencion de humedad es alta y son un poco dificil de trabajar cuando estan mojados. La erosion es leve a moderada. La fertilidad y la escorrentia son moderadas. Estos suelos estan limitados para usos no agricolas por tener textura arcillosa y poca resistencia.

Nontechnical Descriptions
Arecibo Area, Puerto Rico Northern Part

CtC - Coto Clay, 5 To 12 Percent Slopes

THE COTO SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON COASTAL PLAINS. THEY FORMED IN FINE TEXTURED SEDIMENTS DERIVED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY SURFACE LAYER 9 INCHES THICK. THE SUBSOIL FROM 9 TO 14 INCHES IS REDDISH BROWN CLAY, FROM 14 TO 19 INCHES IS YELLOWISH RED CLAY, AND FROM 19 TO 70 INCHES IS STRONG BROWN CLAY.

Coto arcilloso, 5-12 por ciento de inclinacion. Suelos profundos, bien drenados, de fuerte a muy fuertemente acidos y erosion moderada. La permeabilidad es moderada y la capacidad de retencion de agua es alta. La escorrentia y fertilidad natural son moderadas.

CuF - Cuchillas Silty Clay Loam, 40 To 60 Percent Slopes

THE CUCHILLAS SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS DEVELOPED IN SIDESLOPES AND RIDGES. THEY FORMED ON LOAMY MATERIALS DERIVED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE DARK BROWN, SILTY CLAY LOAM SURFACE LAYERS 5 INCHES THICK. THE SUBSOIL IS DARK YELLOWISH BROWN, SILTY CLAY LOAM. SUBSTRATUM TO 26 INCHES IS WEATHERED VOLCANIC ROCK. BELOW THIS LAYER IS SEMICONSOLIDATED VOLCANIC ROCK.

Cuchillas limoso arcilloso lomico, 40-60 por ciento de inclinacion. Suelo moderadamente profundo, bien drenado, muy riscoso, fuertemente acido, textura moderadamente fina, permeabilidad moderada y con alta capacidad de retencion de agua. La escorrentia es muy rapida. Su fertilidad es alta.

CvF - Cuchillas-Rock Outcrop Complex, 40 To 60 Percent Slopes

ROCK OUTCROP CONSISTS OF EXPOSURES OF BARE, HARD BEDROCK.
THE CUCHILLAS SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS DEVELOPED IN SIDESLOPES AND RIDGES. THEY FORMED ON LOAMY MATERIALS DERIVED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE DARK BROWN, SILTY CLAY LOAM SURFACE LAYERS 5 INCHES THICK. THE SUBSOIL IS DARK YELLOWISH BROWN, SILTY CLAY LOAM. SUBSTRATUM TO 26 INCHES IS WEATHERED VOLCANIC ROCK. BELOW THIS LAYER IS SEMICONSOLIDATED VOLCANIC ROCK.

Complejo Cuchillas-estrato rocoso, 40-60 por ciento de inclinacion. Suelo moderadamente profundo, bien drenado, muy riscoso, fuertemente acido, textura moderadamente fina, con 15 por ciento de roca sobre la superficie, permeabilidad moderada y con alta capacidad de retencion de humedad. La escorrentia es rapida. Su fertilidad es alta.

DaD2 - Daguey Clay, 12 To 20 Percent Slopes, Eroded

THE DAGUEY SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCK. TYPICALLY THESE SOILS HAVE A BROWN CLAY SURFACE LAYER 10 INCHES THICK. A SUBSURFACE LAYER FROM 10 TO 14 INCHES IS REDDISH BROWN CLAY. THE SUBSOIL FROM 14 TO 23 INCHES IS YELLOWISH RED CLAY AND FROM 23 TO 72 INCHES IS RED CLAY. THE SUBSTRATUM FROM 72 TO 90 INCHES IS YELLOWISH RED SILTY CLAY LOAM.

Daguey arcilloso, 12-20 por ciento de inclinacion. Suelo profundo, bien drenado, muy fuertemente acido, textura fina, de inclinado a moderadamente riscoso, con permeabilidad y erosion moderada. La capacidad de retencion de humedad es alta, la escorrentia es rapida y la fertilidad moderada.

EaB - Espinosa Sandy Loam, 2 To 5 Percent Slopes

THE ESPINOSA SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN VALLEYS ON COASTAL PLAINS. THEY FORMED IN SEDIMENTS OF MIXED ORIGIN. TYPICALLY THESE SOILS HAVE A DARK BROWN SANDY LOAM SURFACE LAYER 10 INCHES THICK. THE SUBSOIL FROM 10 TO 16 INCHES IS STRONG BROWN SANDY CLAY, FROM 16 TO 47 INCHES IS STRONG BROWN CLAY, AND FROM 47 TO 66 INCHES IS YELLOWISH BROWN, YELLOWISH RED, AND DARK GRAYISH BROWN CLAY.

Espinosa arenoso lomico, 2-5 por ciento de inclinacion. Suelos profundos, bien drenados, muy fuertemente acidos, textura moderadamente gruesa, suavemente inclinados y erosion leve. La permeabilidad es rapida en la superficie y moderada en el subsuelo. La capacidad de retencion de agua es baja en la superficie y moderada en el subsuelo. La escorrentia es lenta. Son faciles de trabajar y su fertilidad es baja a moderada.

Nontechnical Descriptions
Arecibo Area, Puerto Rico Northern Part

EaC - Espinosa Sandy Loam, 5 To 12 Percent Slopes

THE ESPINOSA SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN VALLEYS ON COASTAL PLAINS. THEY FORMED IN SEDIMENTS OF MIXED ORIGIN. TYPICALLY THESE SOILS HAVE A DARK BROWN SANDY LOAM SURFACE LAYER 10 INCHES THICK. THE SUBSOIL FROM 10 TO 16 INCHES IS STRONG BROWN SANDY CLAY, FROM 16 TO 47 INCHES IS STRONG BROWN CLAY, AND FROM 47 TO 66 INCHES IS YELLOWISH BROWN, YELLOWISH RED, AND DARK GRAYISH BROWN CLAY.

Espinosa arenoso lomico, 5-12 por ciento de inclinacion. Suelos profundos, bien drenados, muy fuertemente acidos, textura moderadamente gruesa, fuertemente inclinados con permeabilidad es rapida en la superficie y moderada en el subsuelo. La erosjon es moderada. La capacidad de retencion de agua es de baja a moderada. La escorrentia es moderada. Son faciles de trabajar y su fertilidad es mediana.

EbB - Espinosa Sandy Clay Loam, 2 To 5 Percent Slopes

THE ESPINOSA SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN VALLEYS ON COASTAL PLAINS. THEY FORMED IN SEDIMENTS OF MIXED ORIGIN. TYPICALLY THESE SOILS HAVE A DARK BROWN SANDY LOAM SURFACE LAYER 10 INCHES THICK. THE SUBSOIL FROM 10 TO 16 INCHES IS STRONG BROWN SANDY CLAY, FROM 16 TO 47 INCHES IS STRONG BROWN CLAY, AND FROM 47 TO 66 INCHES IS YELLOWISH BROWN, YELLOWISH RED, AND DARK GRAYISH BROWN CLAY.

Espinosa arenoso arcilloso lomico, 2-5 por ciento de inclinacion. Suelos profundos, bien drenados, muy fuertemente acidos, de textura moderadamente fina, permeabilidad moderada y erosjon leve a moderada. La capacidad de retencion de agua es moderada. La escorrentia y fertilidad natural son moderadas.

EbC - Espinosa Sandy Clay Loam, 5 To 12 Percent Slopes

THE ESPINOSA SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN VALLEYS ON COASTAL PLAINS. THEY FORMED IN SEDIMENTS OF MIXED ORIGIN. TYPICALLY THESE SOILS HAVE A DARK BROWN SANDY LOAM SURFACE LAYER 10 INCHES THICK. THE SUBSOIL FROM 10 TO 16 INCHES IS STRONG BROWN SANDY CLAY, FROM 16 TO 47 INCHES IS STRONG BROWN CLAY, AND FROM 47 TO 66 INCHES IS YELLOWISH BROWN, YELLOWISH RED, AND DARK GRAYISH BROWN CLAY.

Espinosa arenoso arcilloso lomico, 5-12 por ciento de inclinacion. Suelos profundos, bien drenados, muy fuertemente acidos, textura moderadamente fina, son inclinados y con erosjon moderada. La permeabilidad y la capacidad de retencion de agua son moderadas y un poco dificil de trabajar cuando estan mojados. La escorrentia y la fertilidad son moderadas.

EcB - Espinosa Clay, 2 To 5 Percent Slopes

THE ESPINOSA SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN VALLEYS ON COASTAL PLAINS. THEY FORMED IN SEDIMENTS OF MIXED ORIGIN. TYPICALLY THESE SOILS HAVE A DARK BROWN SANDY LOAM SURFACE LAYER 10 INCHES THICK. THE SUBSOIL FROM 10 TO 16 INCHES IS STRONG BROWN SANDY CLAY, FROM 16 TO 47 INCHES IS STRONG BROWN CLAY, AND FROM 47 TO 66 INCHES IS YELLOWISH BROWN, YELLOWISH RED, AND DARK GRAYISH BROWN CLAY.

Espinosa arcilloso, 2-5 por ciento de inclinacion. Suelos profundos, bien drenados, muy fuertemente acidos, de textura fina y permeabilidad moderada. La capacidad de retencion de humedad es alta y son un poco dificil de trabajar cuando estan mojados. La erosjon es leve a moderada. La fertilidad y la escorrentia son moderadas.

Ecc - Espinosa Clay, 5 To 12 Percent Slopes

THE ESPINOSA SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN VALLEYS ON COASTAL PLAINS. THEY FORMED IN SEDIMENTS OF MIXED ORIGIN. TYPICALLY THESE SOILS HAVE A DARK BROWN SANDY LOAM SURFACE LAYER 10 INCHES THICK. THE SUBSOIL FROM 10 TO 16 INCHES IS STRONG BROWN SANDY CLAY, FROM 16 TO 47 INCHES IS STRONG BROWN CLAY, AND FROM 47 TO 66 INCHES IS YELLOWISH BROWN, YELLOWISH RED, AND DARK GRAYISH BROWN CLAY.

Espinosa arcilloso, 5-12 por ciento de inclinacion. Suelos profundos, bien drenados, muy fuertemente acidos y erosjon moderada. La permeabilidad es moderada y la capacidad de retencion de agua es alta. La escorrentia y fertilidad natural son moderadas.

Nontechnical Descriptions
Arecibo Area, Puerto Rico Northern Part

Ga - Garrochales Muck

THE GARROCHALES SOILS CONSISTS OF VERY DEEP, VERY POORLY DRAINED ORGANIC SOILS IN COASTAL LOWLANDS. THEY FORMED IN PARTIALLY AND HIGHLY DECOMPOSED HERBACEOUS MATERIALS OVER MARL. TYPICALLY THESE SOILS HAVE BLACK, MUCK SURFACE AND SUBSURFACE LAYERS TO 46 INCHES. BELOW THESE LAYERS ARE BLUISH GRAY AND LIGHT GRAY SILT LOAM TO 56 INCHES. FROM 56 TO 60 INCHES IS VERY DARK GRAYISH BROWN MUCK. SLOPES RANGES FROM 0 TO 2 PERCENT.

Garrochales organico. Suelo profundo, mal drenado, de extremadamente acido a moderadamente alcalino, organico sobre carbonato calizo en lagunas y areas de depression. La permeabilidad es lenta y la capacidad de retencion de agua es alta. La escorrentia es lenta. Son dificiles de trabajar y tienen el nivel freatico alto. Su fertilidad es alta.

GeC - Guerrero Sand, 2 To 12 Percent Slopes

THE GUERRERO SOILS CONSISTS OF VERY DEEP, EXCESSIVELY DRAINED, SOILS IN COASTAL PLAINS. THEY FORMED IN CLAYEY SEDIMENTS WITH PLINTHITE. TYPICALLY THESE SOILS HAVE DARK BROWN, SANDY SURFACE AND SUBSURFACE LAYERS 22 INCHES THICK. THE UNDERLYING LAYER TO 28 INCHES IS YELLOWISH RED, LOAMY SAND. THE UPPER SUBSOIL IS YELLOWISH RED, SANDY CLAY. THE LOWER SUBSOIL TO 60 INCHES IS STRONG BROWN AND YELLOWISH BROWN CLAY WITH PLINTHITE.

Guerrero arenoso, 2-12 por ciento de inclinacion. Suelo profundo, excesivamente drenado, de medianamente a ligeramente acido en la superficie y fuertemente acido en el subsuelo, textura gruesa , de suavemente inclinado a inclinado con permeabilidad rapida en la superficie y moderada en el subsuelo. La capacidad de retencion de agua es mediana. La escorrentia es de lenta a moderada y la fertilidad es baja.

HD - Hydraquents, Frequently Flooded

HYDRAQUENTS, FREQUENTLY FLOODED ARE VERY DEEP, VERY POORLY DRAINED SOILS ADJACENT TO THE COAST. THEY ARE FREQUENTLY FLOODED BY SEAWATER AND ARE STRONGLY SALINE. SLOPES ARE 0 TO 2 PERCENT.

Terrenos aluviales pantanosos (agua dulce). Estas areas consisten de suelos profundos, mal drenados, con nivel freatico cerca o sobre la superficie. Varian en color, textura y reaccion. La reaccion varia de ligeramente acida a suavemente alcalina. La permeabilidad es lenta, la capacidad de retencion de agua es alta y son fertiles. La escorrentia es muy lenta.

HmE - Humatas Clay, 20 To 40 Percent Slopes

THE HUMATAS SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCK. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY SURFACE LAYER 4 INCHES THICK. THE SUBSOIL FROM 4 TO 9 INCHES IS YELLOWISH RED CLAY, FROM 9 TO 25 INCHES IS RED CLAY, AND FROM 25 TO 60 INCHES IS RED SILTY CLAY LOAM SAPROLITE.

Humatas arcilloso, 20-40 por ciento de inclinacion. Suelos profundos, bien drenados, muy fuertemente acidos, textura fina, riscosos, permeabilidad y erosion moderada. La capacidad de retencion de humedad y la fertilidad son moderadas. La escorrentia es rapida.

HmF - Humatas Clay, 40 To 60 Percent Slopes

THE HUMATAS SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCK. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY SURFACE LAYER 4 INCHES THICK. THE SUBSOIL FROM 4 TO 9 INCHES IS YELLOWISH RED CLAY, FROM 9 TO 25 INCHES IS RED CLAY, AND FROM 25 TO 60 INCHES IS RED SILTY CLAY LOAM SAPROLITE.

Humatas arcilloso, 40-60 por ciento de inclinacion. Suelos profundos, bien drenados, muy fuertemente acidos, textura fina, muy riscosos, permeabilidad y erosion moderada. La capacidad de retencion de humedad y la fertilidad son moderadas. La escorrentia es muy rapida.

Nontechnical Descriptions
Arecibo Area, Puerto Rico Northern Part

HS - Hydraqents, Saline

HYDRAQUENTS CONSIST OF VERY DEEP, VERY POORLY DRAINED SOILS IN DEPRESSATIONAL AREAS. THEY ARE FLOODED BY BOTH SEA WATER AND FRESH WATER FROM STREAMS. SLOPES ARE 0 TO 2 PERCENT.

Terrenos pantanosos de mangle (salinos). Consiste de areas miscelaneas de arboles de mangle bajo aguas saladas en areas bajas de la costa. Son suelos profundos, mal drenados que varian en color y textura. Su reaccion varia desde ligeramente acido a fuertemente alcalino. Su permeabilidad es lenta, el nivel freatico cerca o sobre la superficie y la retencion de humedad es alta. La escorrentia es muy lenta.

InD - Ingenio Clay Loam, 5 To 20 Percent Slopes

THE INGENIO SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN SIDESLOPES AND RIDGES. THEY FORMED IN CLAYEY OVER LOAMY MATERIALS WEATHERED FROM PLUTONIC ROCKS. TYPICALLY THESE SOILS HAVE YELLOWISH BROWN, SILTY CLAY LOAM SURFACE LAYERS 7 INCHES THICK. THE SUBSOIL IS RED CLAY OR SILTY CLAY. THE UPPER SUBSTRATUM IS SILTY CLAY LOAM. THE LOWER SUBSTRATUM TO 60 INCHES IS SILT LOAM.

Ingenio arcilloso lomico, 5-20 por ciento de inclinacion. Suelo profundo, bien drenado, medianamente acido en la superficie y neutro en los horizontes inferiores, textura moderadamente fina, de inclinado a moderadamente riscoso, con permeabilidad y erosjon moderada. La capacidad de retencion de agua y la fertilidad son moderadas. La escorrentia es rapida.

InE - Ingenio Clay Loam, 20 To 40 Percent Slopes

THE INGENIO SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN SIDESLOPES AND RIDGES. THEY FORMED IN CLAYEY OVER LOAMY MATERIALS WEATHERED FROM PLUTONIC ROCKS. TYPICALLY THESE SOILS HAVE YELLOWISH BROWN, SILTY CLAY LOAM SURFACE LAYERS 7 INCHES THICK. THE SUBSOIL IS RED CLAY OR SILTY CLAY. THE UPPER SUBSTRATUM IS SILTY CLAY LOAM. THE LOWER SUBSTRATUM TO 60 INCHES IS SILT LOAM.

Ingenio arcilloso lomico, 20-40 por ciento de inclinacion. Suelo profundo, bien drenado, muy fuertemente acido, textura moderadamente fina, de inclinado a riscoso, con permeabilidad y erosjon moderada. La capacidad de retencion de agua y la fertilidad son moderadas. La escorrentia es rapida.

IsC - Islote Sandy Clay Loam, 2 To 12 Percent Slopes

THE ISLOTE SERIES CONSISTS OF MODERATELY DEEP, WELL DRAINED SOILS ON TERRACES AND LOW HILLS OF COASTAL PLAINS. THEY FORMED IN FINE TEXTURED SEDIMENTS OVER SANDSTONE. TYPICALLY THESE SOILS HAVE A DARK BROWN SANDY CLAY LOAM SURFACE LAYER 8 INCHES THICK. THE SUBSOIL FROM 8 TO 12 INCHES IS DARK BROWN CLAY AND FROM 12 TO 30 INCHES IS DARK RED CLAY. PARTIALLY CEMENTED CALCREOUS SANDSTONE IS AT 30 INCHES.

Islote arenoso arcilloso lomico, 2-12 por ciento de inclinacion. Suelo moderadamente profundo, bien drenado, moderadamente fino, de moderadamente acido a neutro, permeabilidad moderada, suavemente inclinado y con erosjon leve. La capacidad de retencion de agua es moderada y la escorrentia es de lenta a moderada. La fertilidad es mediana. El subsuelo tiene potencial de expansion moderado.

Ja - Jareales Clay

THE JAREALES SOILS CONSIST OF VERY DEEP, VERY POORLY DRAINED SOILS IN THE COASTAL LOWLANDS. THEY FORMED IN FINE TEXTURED SEDIMENTS OVERLYING ORGANIC MATERIALS. TYPICALLY THESE SOILS HAVE VERY DARK GRAY CLAY SURFACE LAYER 6 INCHES THICK. THE UPPER SUBSOIL TO 13 INCHES IS BLACK CLAY. THE LOWER SUBSOIL TO 28 INCHES IS VERY DARK GRAY CLAY. THE SUBSTRATUM CONSISTS OF ORGANIC MATERIALS. SLOPE RANGES FROM 0 TO 2 PERCENT.

Jareales arcilloso. Suelo profundo, mal drenado, neutro, textura fina sobre capas organicas, llanos, con permeabilidad muy lenta. La capacidad de retencion de humedad es alta. La escorrentia es lenta. La fertilidad y el contenido de materia organica es alto.

Nontechnical Descriptions
Arecibo Area, Puerto Rico Northern Part

JoC - Jobos Sandy Loam, 2 To 12 Percent Slopes

THE JOBOS SERIES CONSISTS OF VERY DEEP, MODERATELY WELL DRAINED, SOILS ON THE COASTAL PLAINS. THEY FORMED IN CLAYEY SEDIMENTS WITH PLINTHITE. TYPICALLY THESE SOILS HAVE A DARK GRAYISH BROWN, SANDY LOAM SURFACE LAYER 10 INCHES THICK. THE SUBSOIL TO 64 INCHES IS RED CLAY WITH PLINTHITE.

Jobos arenoso lomico, 2-12 por ciento de inclinacion. Suelo profundo, moderadamente bien drenado, muy fuertemente acido, textura gruesa, de suavemente inclinado a inclinado con permeabilidad rapida en las capas superiores y lenta en las inferiores. La capacidad de retencion de agua es moderada, la erosjon es leve y la fertilidad baja. La escorrentia es de lenta a moderada. El subsuelo tiene potencial de expansion moderado.

JuD2 - Juncal Clay, 12 To 20 Percent Slopes, Eroded

THE JUNCAL SERIES CONSISTS OF VERY DEEP, MODERATELY WELL DRAINED SOILS ON FOOTSLOPES AND HILLTOPS. THEY FORMED IN LOAMY AND CLAY MATERIAL WEATHERED FROM LIMESTONE ROCKS. TYPICALLY THESE SOILS HAVE DARK GRAYISH BROWN CLAY SURFACE LAYER 8 INCHES THICK. THE UPPER SUBSOIL IS YELLOWISH BROWN AND BROWNISH YELLOW, CLAY. THE LOWER SUBSOIL IS BROWNISH YELLOW AND YELLOWISH BROWN CLAY. THE SUBSTRATUM TO 66 INCHES IS BROWNISH YELLOW, SILTY CLAY LOAM.

Juncal arcilloso, 12-20 por ciento de inclinacion, erodido. Suelo profundo a la roca caliza blanda, moderadamente bien drenado, textura fina, de moderadamente acido a moderadamente alcalino, moderadamente riscoso con permeabilidad y erosjon moderada. La capacidad de retencion de agua es alta. El subsuelo tiene potencial expansivo moderado. La escorrentia y la fertilidad son moderadas. El pastoreo debe ser controlado.

JuE2 - Juncal Clay, 20 To 40 Percent Slopes, Eroded

THE JUNCAL SERIES CONSISTS OF VERY DEEP, MODERATELY WELL DRAINED SOILS ON FOOTSLOPES AND HILLTOPS. THEY FORMED IN LOAMY AND CLAY MATERIAL WEATHERED FROM LIMESTONE ROCKS. TYPICALLY THESE SOILS HAVE DARK GRAYISH BROWN CLAY SURFACE LAYER 8 INCHES THICK. THE UPPER SUBSOIL IS YELLOWISH BROWN AND BROWNISH YELLOW, CLAY. THE LOWER SUBSOIL IS BROWNISH YELLOW AND YELLOWISH BROWN CLAY. THE SUBSTRATUM TO 66 INCHES IS BROWNISH YELLOW, SILTY CLAY LOAM.

Juncal arcilloso, 20-40 por ciento de inclinacion, erodido. Suelo profundo a la roca caliza blanda, moderadamente bien drenado, textura fina, riscoso con permeabilidad y erosjon moderada. La capacidad de retencion de agua es alta, la reaccion varia de medianamente acido a moderadamente alcalino y tiene potencial expansivo moderado. La escorrentia es rapida y la fertilidad moderada.

LcE2 - Lirios Clay Loam, 20 To 40 Percent Slopes, Eroded

THE LIRIOS SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A DARK BROWN SILTY CLAY LOAM SURFACE LAYER 4 INCHES THICK. THE SUBSOIL FROM 4 TO 14 INCHES IS RED CLAY AND FROM 14 TO 23 INCHES IS RED SILTY CLAY. THE SUBSTRATUM FROM 23 TO 60 INCHES IS RED, STRONG BROWN, REDDISH BROWN, AND PINK SILTY CLAY LOAM SAPROLITE.

Lirios arcilloso lomico, 20-40 por ciento de inclinacion, erodido. Suelo profundo, bien drenado, textura moderadamente fina, riscosos, de fuerte a muy fuertemente acido, permeabilidad moderada y la capacidad de retencion de agua alta. La escorrentia es rapida y la fertilidad moderada. Son susceptibles a erosjon.

LcF2 - Lirios Clay Loam, 40 To 60 Percent Slopes, Eroded

THE LIRIOS SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A DARK BROWN SILTY CLAY LOAM SURFACE LAYER 4 INCHES THICK. THE SUBSOIL FROM 4 TO 14 INCHES IS RED CLAY AND FROM 14 TO 23 INCHES IS RED SILTY CLAY. THE SUBSTRATUM FROM 23 TO 60 INCHES IS RED, STRONG BROWN, REDDISH BROWN, AND PINK SILTY CLAY LOAM SAPROLITE.

Lirios arcilloso lomico, 40-60 por ciento de inclinacion, erodido. Suelo profundo, bien drenado, textura moderadamente fina, muy riscoso, de fuerte a muy fuertemente acido, permeabilidad moderada y la capacidad de retencion de agua alta. La escorrentia es rapida y la fertilidad moderada. Son susceptibles a erosjon.

Nontechnical Descriptions
Arecibo Area, Puerto Rico Northern Part

LgD - Los Guineos Clay, 12 To 20 Percent Slopes

THE LOS GUINEOS SERIES CONSISTS OF VERY DEEP, MODERATELY WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A BROWN SILTY CLAY LOAM SURFACE LAYER 5 INCHES THICK. THE CLAY SUBSOIL FROM 5 TO 15 INCHES IS YELLOWISH BROWN, FROM 15 TO 24 INCHES IS REDDISH YELLOW, FROM 24 TO 34 INCHES IS RED AND STRONG BROWN, AND FROM 34 TO 48 INCHES IS RED AND REDDISH YELLOW. THE SUBSTRATUM FROM 48 TO 60 INCHES IS CLAY SAPROLITE.

Los Guineos arcilloso, 12-20 por ciento de inclinacion. Suelo profundo, moderadamente bien drenado, textura fina, moderadamente riscoso, muy fuertemente acido con permeabilidad y capacidad de retencion de agua moderada. La escorrentia es rapida y la fertilidad es moderada.

LgE - Los Guineos Clay, 20 To 40 Percent Slopes

THE LOS GUINEOS SERIES CONSISTS OF VERY DEEP, MODERATELY WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A BROWN SILTY CLAY LOAM SURFACE LAYER 5 INCHES THICK. THE CLAY SUBSOIL FROM 5 TO 15 INCHES IS YELLOWISH BROWN, FROM 15 TO 24 INCHES IS REDDISH YELLOW, FROM 24 TO 34 INCHES IS RED AND STRONG BROWN, AND FROM 34 TO 48 INCHES IS RED AND REDDISH YELLOW. THE SUBSTRATUM FROM 48 TO 60 INCHES IS CLAY SAPROLITE.

Los Guineos arcilloso, 20-40 por ciento de inclinacion. Suelo profundo, moderadamente bien drenado, textura fina, riscoso, muy fuertemente acido, con permeabilidad y capacidad retencion de agua moderada. La escorrentia es rapida y la fertilidad es moderada.

LgF - Los Guineos Clay, 40 To 60 Percent Slopes

THE LOS GUINEOS SERIES CONSISTS OF VERY DEEP, MODERATELY WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A BROWN SILTY CLAY LOAM SURFACE LAYER 5 INCHES THICK. THE CLAY SUBSOIL FROM 5 TO 15 INCHES IS YELLOWISH BROWN, FROM 15 TO 24 INCHES IS REDDISH YELLOW, FROM 24 TO 34 INCHES IS RED AND STRONG BROWN, AND FROM 34 TO 48 INCHES IS RED AND REDDISH YELLOW. THE SUBSTRATUM FROM 48 TO 60 INCHES IS CLAY SAPROLITE.

Los Guineos arcilloso, 40-60 por ciento de inclinacion. Suelo profundo, moderadamente bien drenado, textura fina, muy riscoso, muy fuertemente acido, con permeabilidad y capacidad de retencion de agua moderada. La escorrentia es muy rapida y la fertilidad es moderada.

LME - Los Guineos-Maricao-Rock Outcrop Association, Steep

THE MARICAO SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A REDDISH BROWN CLAY SURFACE LAYER 5 INCHES THICK. THE SUBSOIL FROM 5 TO 20 INCHES IS RED CLAY. THE SUBSTRATUM FROM 20 TO 60 INCHES IS RED SILTY CLAY LOAM SAPROLITE.

THE LOS GUINEOS SERIES CONSISTS OF VERY DEEP, MODERATELY WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A BROWN SILTY CLAY LOAM SURFACE LAYER 5 INCHES THICK. THE CLAY SUBSOIL FROM 5 TO 15 INCHES IS YELLOWISH BROWN, FROM 15 TO 24 INCHES IS REDDISH YELLOW, FROM 24 TO 34 INCHES IS RED AND STRONG BROWN, AND FROM 34 TO 48 INCHES IS RED AND REDDISH YELLOW. THE SUBSTRATUM FROM 48 TO 60 INCHES IS CLAY SAPROLITE.

ROCK OUTCROP CONSISTS OF EXPOSURES OF BARE, HARD BEDROCK.

Asociacion Los Guineos-Maricao-Estrato rocoso, riscoso. Esta unidad consiste de suelos profundos, riscosos y muy riscosos, con roca sobre la superficie. Los suelos Guineos y Maricao en esta unidad son profundos, muy riscosos, de fuerte a muy fuertemente acidos, con permeabilidad y capacidad de retencion de agua moderada. La escorrentia es muy rapida y la fertilidad es moderada. La mayor parte se encuentra en pastizales de matorral y bosques.

Nontechnical Descriptions
Arecibo Area, Puerto Rico Northern Part

MaF2 - Maraguez Silty Clay Loam, 40 To 60 Percent Slopes, Eroded

THE MARAGUEZ SERIES CONSISTS OF VERY DEEP, WELL DRAINED, SOILS ON UPLANDS. THEY FORMED IN LOAMY MATERIALS WEATHERED FROM VOLCANIC ROCKS. TYPICALLY, THESE SOILS HAVE DARK BROWN, SILTY CLAY LOAM SURFACE LAYERS, 6 INCHES THICK. THE SUBSOIL FROM 6 TO 12 INCHES IS BROWN AND DARK BROWN CLAY LOAM. THE SUBSOIL FROM 12 TO 21 INCHES IS DARK YELLOWISH BROWN LOAM. THE SUBSTRATUM FROM 21 INCHES TO 60 INCHES IS YELLOWISH BROWN LOAM.

Maraguez limo arcilloso lomico, 40-60 por ciento de inclinacion. Suelo moderadamente profundo a la roca volcanica blanda, bien drenado, de ligera a medianamente acido, textura moderadamente fina, muy riscoso, con permeabilidad moderada en la superficie y subsuelo y moderadamente rapida en el sustrato. La erosión es de moderada a severa. La capacidad de retención de agua es baja y la fertilidad es moderada. La escorrentia es muy rápida.

McF - Maricao Clay, 40 To 60 Percent Slopes

THE MARICAO SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A REDDISH BROWN CLAY SURFACE LAYER 5 INCHES THICK. THE SUBSOIL FROM 5 TO 20 INCHES IS RED CLAY. THE SUBSTRATUM FROM 20 TO 60 INCHES IS RED SILTY CLAY LOAM SAPROLITE.

Maricao arcilloso, 40-60 por ciento de inclinacion. Suelo profundo, bien drenado, muy riscoso, textura fina, con permeabilidad y capacidad de retención de agua moderadas. La reacción es muy fuertemente acida y la escorrentia es muy rápida. La fertilidad es mediana.

MmF - Matanzas-Rock Outcrop Complex, 5 To 60 Percent Slopes

ROCK OUTCROP CONSISTS OF EXPOSURES OF BARE, HARD BEDROCK. THE MATANZAS SERIES CONSISTS OF DEEP, WELL DRAINED SOILS ON FOOTSLOPES AND IN VALLEYS. THEY FORMED IN SEDIMENTS DERIVED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN CLAY SURFACE LAYER 14 INCHES THICK. THE SUBSOIL FROM 14 TO 27 INCHES IS DUSKY RED CLAY AND FROM 27 TO 44 INCHES IS DARK RED CLAY. HARD FRAGMENTAL LIMESTONE IS AT 44 INCHES.

Complejo Matanzas-estrato rocoso, 5-60 por ciento de inclinacion. Suelo profundo, bien drenado, ligeramente inclinado, textura fina, permeabilidad moderada y la capacidad de retención de agua es alta. La escorrentia es lenta. La fertilidad es mediana y la reacción del suelo es neutro.

MnB - Matanzas Clay, 2 To 5 Percent Slopes

THE MATANZAS SERIES CONSISTS OF DEEP, WELL DRAINED SOILS ON FOOTSLOPES AND IN VALLEYS. THEY FORMED IN SEDIMENTS DERIVED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN CLAY SURFACE LAYER 14 INCHES THICK. THE SUBSOIL FROM 14 TO 27 INCHES IS DUSKY RED CLAY AND FROM 27 TO 44 INCHES IS DARK RED CLAY. HARD FRAGMENTAL LIMESTONE IS AT 44 INCHES.

Matanzas arcilloso, 2-5 por ciento de inclinacion. Suelo profundo, bien drenado, ligeramente inclinado, textura fina, permeabilidad es moderada y la capacidad de retención de agua es alta. La escorrentia es lenta. La fertilidad es mediana y la reacción del suelo es neutro.

MoC2 - Moca Clay, 2 To 12 Percent Slopes, Eroded

THE MOCA SERIES CONSISTS OF VERY DEEP, MODERATELY WELL DRAINED, SOILS IN UPLANDS. THEY FORMED ON CLAYEY, GRAVELLY, AND COBBLY MATERIALS FROM A BASIC CONGLOMERATE ROCK. TYPICALLY, THESE SOILS HAVE BROWN CLAY SURFACE LAYERS 6 INCHES THICK. THE UPPER SUBSOIL TO 18 INCHES IS RED CLAY. THE LOWER SUBSOIL IS GRAYISH BROWN AND RED CLAY. THE SUBSTRATUM TO 60 INCHES IS LIGHT GRAY, RED AND REDDISH YELLOW CLAY.

Moca arcilloso, 2-12 por ciento de inclinacion, erodado. Suelo profundo, moderadamente bien drenado, textura fina, muy fuertemente acido, de suavemente inclinado a inclinado, con permeabilidad moderadamente lenta y una capacidad de retención de agua alta. La escorrentia es moderada, son un poco difícil de trabajar y su fertilidad es moderada. El subsuelo tiene un alto potencial de expansión.

Nontechnical Descriptions
Arecibo Area, Puerto Rico Northern Part

MoD2 - Moca Clay, 12 To 20 Percent Slopes, Eroded

THE MOCA SERIES CONSISTS OF VERY DEEP, MODERATELY WELL DRAINED, SOILS IN UPLANDS. THEY FORMED ON CLAYEY, GRAVELLY, AND COBBLY MATERIALS FROM A BASIC CONGLOMERATE ROCK. TYPICALLY, THESE SOILS HAVE BROWN CLAY SURFACE LAYERS 6 INCHES THICK. THE UPPER SUBSOIL TO 18 INCHES IS RED CLAY. THE LOWER SUBSOIL IS GRAYISH BROWN AND RED CLAY. THE SUBSTRATUM TO 60 INCHES IS LIGHT GRAY, RED AND REDDISH YELLOW CLAY.

Moca arcilloso, 12-20 por ciento de inclinacion, erodado. Suelo profundo, moderadamente bien drenado, textura fina, muy fuertemente acido, de inclinado a moderadamente inclinado, con permeabilidad moderadamente lenta y capacidad de retencion de agua alta. La escorrentia es rapida, son un poco dificil de trabajar y su fertilidad es moderada.

MoE2 - Moca Clay, 20 To 40 Percent Slopes, Eroded

THE MOCA SERIES CONSISTS OF VERY DEEP, MODERATELY WELL DRAINED, SOILS IN UPLANDS. THEY FORMED ON CLAYEY, GRAVELLY, AND COBBLY MATERIALS FROM A BASIC CONGLOMERATE ROCK. TYPICALLY, THESE SOILS HAVE BROWN CLAY SURFACE LAYERS 6 INCHES THICK. THE UPPER SUBSOIL TO 18 INCHES IS RED CLAY. THE LOWER SUBSOIL IS GRAYISH BROWN AND RED CLAY. THE SUBSTRATUM TO 60 INCHES IS LIGHT GRAY, RED AND REDDISH YELLOW CLAY.

Moca arcilloso, 20-40 por ciento de inclinacion, erodado. Suelo profundo, moderadamente bien drenado, textura fina, muy fuertemente acido, moderadamente riscoso, con permeabilidad moderadamente lenta y capacidad de retencion de agua alta. La escorrentia es rapida. Son un poco dificil de trabajar y su fertilidad es moderada. El subsuelo tiene un potencial de expansion alto.

MpF2 - Morado Clay Loam, 40 To 60 Percent Slopes, Eroded

THE MORADO SERIES CONSISTS OF MODERATELY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCK. TYPICALLY THESE SOILS HAVE A DARK REDDISH GRAY CLAY LOAM SURFACE LAYER 7 INCHES THICK. THE CLAY LOAM SUBSOIL FROM 7 TO 17 INCHES IS REDDISH GRAY AND FROM 17 TO 24 INCHES IS BROWN, DARK BROWN, DARK REDDISH GRAY AND DARK GRAY. THE LOAM SUBSTRATUM FROM 24 TO 33 INCHES IS BROWN, DARK BROWN, DARK REDDISH GRAY AND DARK GRAY LOAM. SEMI-CONSOLIDATED VOLCANIC ROCK IS AT 33 INCHES.

Morado arcilloso lomico, 40-60 por ciento de inclinacion. Suelo moderadamente profundo a la roca volcanica blanda, bien drenado, de ligera a medianamente acido, textura moderadamente fina, muy riscoso, con permeabilidad baja y erosion de moderada a severa. La capacidad de retencion de agua es baja y la fertilidad es moderada. La escorrentia es muy rapida.

MuE - Mucara Clay, 20 To 40 Percent Slopes

THE MUCARA SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A VERY DARK GRAYISH BROWN CLAY SURFACE LAYER 6 INCHES THICK. THE SUBSOIL FROM 6 TO 12 INCHES IS VERY DARK GRAYISH BROWN AND BROWN CLAY. HIGHLY WEATHERED VOLCANIC ROCK IS AT 12 TO 22 INCHES SEMI-CONSOLIDATED VOLCANIC ROCK IS AT 22 INCHES.

Mucara arcilloso, 20-40 por ciento de inclinacion. Suelo moderadamente profundo a la roca volcanica, bien drenado, textura fina, ligeramente acido a neutro, riscoso, con permeabilidad y erosion moderada. La capacidad de retencion de agua es baja. La escorrentia es rapida y la fertilidad mediana. El subsuelo tiene un alto potencial de expansion.

MuF - Mucara Clay, 40 To 60 Percent Slopes

THE MUCARA SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A VERY DARK GRAYISH BROWN CLAY SURFACE LAYER 6 INCHES THICK. THE SUBSOIL FROM 6 TO 12 INCHES IS VERY DARK GRAYISH BROWN AND BROWN CLAY. HIGHLY WEATHERED VOLCANIC ROCK IS AT 12 TO 22 INCHES SEMI-CONSOLIDATED VOLCANIC ROCK IS AT 22 INCHES.

Mucara arcilloso, 40-60 por ciento de inclinacion. Suelo moderadamente profundo a la roca volcanica, bien drenado, textura fina, ligeramente acido a neutro, muy riscoso, con permeabilidad y erosion moderada. La capacidad de retencion de agua es baja. La escorrentia es rapida y la fertilidad es moderada. El subsuelo tiene un alto potencial de expansion.

Nontechnical Descriptions
Arecibo Area, Puerto Rico Northern Part

NaD - Naranjo Clay, 5 To 20 Percent Slopes

THE NARANJO SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN SIDESLOPES AND HILLTOPS. THEY FORMED IN CLAYEY MATERIALS DERIVED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A VERY DARK GRAYISH BROWN, CLAY SURFACE LAYER 9 INCHES THICK. THE SUBSOIL IS BROWNISH YELLOW AND YELLOW CLAY. THE SUBSTRATUM TO 60 INCHES IS YELLOW, LIGHT GRAY, AND BROWNISH YELLOW CLAY.

Naranjo arcilloso, 5-20 por ciento de inclinacion. Suelo moderadamente profundo a la piedra caliza blanda, bien drenado, textura fina, reaccion moderadamente alcalino, inclinado a moderadamente inclinado, con permeabilidad y erosión moderada. La capacidad de retención de agua es alta, son un poco difíciles de trabajar cuando estan mojados y su fertilidad es moderada. La escorrentia es moderada y el contenido de materia organica alto. El subsuelo tiene un potencial de expansion moderado.

NaE - Naranjo Clay, 20 To 40 Percent Slopes

THE NARANJO SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN SIDESLOPES AND HILLTOPS. THEY FORMED IN CLAYEY MATERIALS DERIVED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A VERY DARK GRAYISH BROWN, CLAY SURFACE LAYER 9 INCHES THICK. THE SUBSOIL IS BROWNISH YELLOW AND YELLOW CLAY. THE SUBSTRATUM TO 60 INCHES IS YELLOW, LIGHT GRAY, AND BROWNISH YELLOW CLAY.

Naranjo arcilloso, 20-40 por ciento de inclinacion. Suelo moderadamente profundo a la piedra caliza blanda, bien drenado, textura fina, reaccion moderadamente alcalino, riscoso, con permeabilidad y erosión moderada. La capacidad de retención de agua es alta, son un poco difícil de trabajar cuando estan mojados y su fertilidad es moderada. La escorrentia es rápida y el contenido de materia organica alto. El subsuelo tiene un potencial de expansion moderada.

NaF - Naranjo Clay, 40 To 60 Percent Slopes

THE NARANJO SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN SIDESLOPES AND HILLTOPS. THEY FORMED IN CLAYEY MATERIALS DERIVED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A VERY DARK GRAYISH BROWN, CLAY SURFACE LAYER 9 INCHES THICK. THE SUBSOIL IS BROWNISH YELLOW AND YELLOW CLAY. THE SUBSTRATUM TO 60 INCHES IS YELLOW, LIGHT GRAY, AND BROWNISH YELLOW CLAY.

Naranjo arcilloso, 40-60 por ciento de inclinacion. Suelo moderadamente profundo a la piedra caliza blanda, bien drenado, textura fina, reaccion moderadamente alcalino, muy riscoso, con permeabilidad y erosión moderada. La capacidad de retención de agua es alta, son un poco difícil de trabajar cuando estan mojados y su fertilidad es moderada. La escorrentia es muy rápida y el contenido de materia organica alto. El subsuelo tiene un potencial de expansion moderada.

Pa - Palmar Muck

THE PALMAR SERIES CONSISTS OF VERY DEEP, VERY POORLY DRAINED, ORGANIC SOILS ON COASTAL LOWLANDS. THEY FORMED IN DECOMPOSED PLANT RESIDUES UNDER SATURATED CONDITIONS. TYPICALLY, THESE SOILS HAVE A BLACK MUCK SURFACE LAYER 8 INCHES THICK. BELOW THIS LAYER IS BLACK VERY DARK BROWN, AND DARK YELLOWISH BROWN MUCK TO 75 INCHES. SLOPES RANGE FROM 0 TO 2 PERCENT.

Palmar organico. Suelo profundo, mal drenado, neutro, organico sobre lagunas naturales y areas de depresion, permeabilidad lenta, la capacidad de retencion de agua es alta, dificil de trabajar y la fertilidad natural es alta. La escorrentia es lenta y el nivel freatico alto.

Nontechnical Descriptions
Arecibo Area, Puerto Rico Northern Part

PeF - Pellejas Clay Loam, 40 To 60 Percent Slopes

THE PELLEJAS SERIES CONSISTS OF VERY DEEP, EXCESSIVELY DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A DARK GRAYISH BROWN CLAY LOAM SURFACE LAYER 5 INCHES THICK. THE SUBSOIL FROM 5 TO 11 INCHES IS PALE BROWN AND DARK YELLOWISH BROWN CLAY LOAM. THE SUBSOIL FROM 11 TO 15 INCHES IS DARK YELLOWISH BROWN SANDY LOAM. THE SUBSTRATUM FROM 15 TO 60 INCHES IS LIGHT BROWNISH GRAY LOAMY SAND.

Pellejas arcilloso lomico, 40-60 por ciento de inclinacion. Suelo profundo, algo excesivamente bien drenado, textura moderadamente fina, fuertemente acido, permeabilidad moderada en la superficie y rapida en los horizontes inferiores. La capacidad de retencion de agua es moderada, la escorrentia es muy rapida y la fertilidad es de baja a moderada.

PhC2 - Perchas Clay, 2 To 12 Percent Slopes, Eroded

THE PERCHAS SERIES CONSISTS OF VERY DEEP, POORLY DRAINED SOILS IN FOOTSLOPES AND LOW HILLS. THEY FORMED ON CLAYEY SEDIMENTS OVER TERTIARY CLAYS. TYPICALLY THESE SOILS HAVE A DARK GRAYISH BROWN, CLAY SURFACE LAYERS 5 INCHES THICK. THE SUBSOIL AND THE SUBSTRATUM TO 60 INCHES ARE LIGHT GRAY CLAY.

Perchas arcilloso, 2-12 por ciento de inclinacion, erodado. Suelo profundo, mal drenado, textura fina, fuertemente acido, de suavemente inclinados a inclinados, permeabilidad lenta y erosion moderada. La capacidad de retencion de agua es alta, son dificiles de trabajar, tienen un alto potencial de expansion. La escorrentia y la fertilidad son moderadas.

PhD2 - Perchas Clay, 12 To 20 Percent Slopes, Eroded

THE PERCHAS SERIES CONSISTS OF VERY DEEP, POORLY DRAINED SOILS IN FOOTSLOPES AND LOW HILLS. THEY FORMED ON CLAYEY SEDIMENTS OVER TERTIARY CLAYS. TYPICALLY THESE SOILS HAVE A DARK GRAYISH BROWN, CLAY SURFACE LAYERS 5 INCHES THICK. THE SUBSOIL AND THE SUBSTRATUM TO 60 INCHES ARE LIGHT GRAY CLAY.

Perchas arcilloso, 12-20 por ciento de inclinacion, erodado. Suelo profundo, mal drenado, textura fina, fuertemente acido, moderadamente inclinados, permeabilidad lenta y erosion moderada. La capacidad de retencion de agua es alta, son dificiles de trabajar, tienen un alto potencial de expansion y son moderadamente fertiles. La escorrentia es rapida.

Ps - Pits, Gravel

GRAVEL PITS ARE OPEN EXCAVATIONS FROM WHICH SOIL AND GRAVEL HAVE BEEN REMOVED, EXPOSING THE GRAVELLY MATERIAL.

Excavaciones de grava. Esta unidad consiste de excavaciones abiertas, canteras de grava y roca caliza que se usan en la construccion de carreteras, edificios y rellenos. La roca caliza se usa para encalar los suelos acidos en la agricultura. Para usos no agricolas se requiere investigaciones en el sitio.

Pt - Pits, Sand

SAND PITS ARE OPEN EXCAVATIONS FROM WHICH SOIL AND THE UNDERLYING SANDY MATERIAL HAVE BEEN REMOVED, EXPOSING SANDY MATERIAL.

Excavaciones de arena. Consiste de excavaciones para la extraccion de arena para usos industriales y rellenos de carretera. Estas excavaciones dejan residuos arcillosos que retienen agua por periodos largos. Para usos no agricolas se requiere investigaciones en el sitio.

Nontechnical Descriptions
Arecibo Area, Puerto Rico Northern Part

Re - Reilly Gravelly Silt Loam

THE REILLY SERIES CONSISTS OF VERY DEEP, EXCESSIVELY DRAINED SOILS ON FLOODPLAINS. THEY FORMED IN STRATIFIED ALLUVIAL SEDIMENTS. TYPICALLY THESE SOILS HAVE A DARK BROWN GRAVELLY LOAM SURFACE LAYER 9 INCHES THICK. THE UNDERLYING MATERIAL FROM 9 TO 16 INCHES IS DARK GRAYISH BROWN VERY GRAVELLY SAND AND FROM 16 TO 48 INCHES IS COARSE SAND AND GRAVEL. SLOPES RANGE FROM 0 TO 2 PERCENT.

Reilly gravoso limoso lomico, 0-2 por ciento de inclinacion. Suelo poco profundo a la grava, excesivamente drenado, ligeramente acido, textura mediana, medianamente acido, con permeabilidad rapida y erosión leve. La capacidad de retención de agua es muy baja y son fáciles de trabajar. La escorrentía es lenta y la fertilidad moderada. Tienen grava y guijarros en la superficie. Están sujetos a inundaciones.

RlC - Rio Lajas Sand, 2 To 12 Percent Slopes

THE RIO LAJAS SERIES CONSISTS OF VERY DEEP, EXCESSIVELY DRAINED SOILS ON COASTAL PLAINS. THEY FORMED IN COARSE TEXTURED SEDIMENTS. TYPICALLY, THESE SOILS HAVE A DARK REDDISH BROWN, SAND SURFACE LAYER 8 INCHES THICK. THE SUBSURFACE LAYER TO 33 INCHES IS DARK REDDISH BROWN LOAMY SAND. THE SUBSOIL TO 60 INCHES IS DARK REDDISH BROWN SANDY LOAM.

Rio Lajas arenoso, 2-12 por ciento de inclinación. Suelo profundo, excesivamente drenado, de ligeramente acido a neutro, textura gruesa, de suavemente inclinado a inclinado, la capacidad de retención de agua es muy baja. La permeabilidad es rápida, la escorrentía de lenta a moderada y la fertilidad baja.

Rm - Riverwash

RIVERWASH IS A MIXTURE OF BOULDERS, COBBLES, GRAVEL, AND SAND THAT IS FREQUENTLY FLOODED.

Lavado de Río. Esta unidad consiste de suelos que ocurren cerca de los ríos y quebradas. Los suelos consisten de una mezcla de grava, arena, guijarros y rocas grandes. Estas áreas no se usan para la agricultura con excepción de yerbas nativas y arbustos pequeños. Los riesgos de inundaciones limitan estas áreas para usos no agrícolas.

Ro - Rock Outcrop, Limestone

ROCK OUTCROP CONSISTS OF EXPOSURES OF BARE, HARD BEDROCK.

Estrato rocoso de piedra caliza. Consiste de suelos muy poco profundos sobre piedra caliza masiva dura y piedra arenisca-caliza semiconsolidada. Ocurre en áreas riscosas y muy riscosas con un 90-100 por ciento de inclinación. En la superficie hay rocas calizas y areniscas. Los suelos varían en color, textura y profundidad. Tienen poco valor agrícola. Para usos no agrícolas hay que hacer observaciones en el área.

Rr - Rock Outcrop, Sandstone

ROCK OUTCROP CONSISTS OF EXPOSURES OF BARE, HARD BEDROCK.

Estrato rocoso de piedra arenisca. Consiste de suelos muy poco profundos sobre piedra caliza masiva dura y piedra arenisca-caliza semiconsolidada. Ocurre en áreas riscosas y muy riscosas con un 90-100 por ciento de inclinación. En la superficie hay rocas calizas y areniscas. Los suelos varían en color, textura y profundidad. Tienen poco valor agrícola. Para usos no agrícolas hay que hacer observaciones en el área.

Nontechnical Descriptions
Arecibo Area, Puerto Rico Northern Part

RsF - Rock Outcrop-San German Complex, 20 To 60 Percent Slopes

ROCK OUTCROP CONSISTS OF EXPOSURES OF BARE, HARD BEDROCK. THE SAN GERMAN SERIES CONSISTS OF SHALLOW WELL DRAINED SOILS ON SIDESLOPES AND HILLTOPS. THEY FORMED IN LOAMY MATERIALS WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE VERY DARK BROWN, COBBLY LOAM SURFACE LAYERS 2 INCHES THICK. THE UNDERLYING LAYER TO 10 INCHES IS BROWN, VERY GRAVELLY LOAM. BELOW THIS LAYER IS HARD LIMESTONE.

Complejo estrato rocoso-San German, 20-40 por ciento de inclinacion. Este complejo consiste de areas poco profundas a la roca caliza dura, bien drenadas, con alrededor de 60 por ciento de estrato rocoso, 30 por ciento de suelo San German y 10 por ciento de otros suelos. Los suelos San German son moderadamente alcalinos, de textura moderadamente fina, riscosos a muy riscosos, con permeabilidad rapida y erosion moderada. La capacidad de retencion de agua es baja, son dificiles de trabajar, tienen grava, guijarros y estratos de piedra caliza sobre la superficie. La escorrentia es rapida y la fertilidad es moderada.

RtF - Rock Outcrop-Tanama Complex, 12 To 60 Percent Slopes

ROCK OUTCROP CONSISTS OF EXPOSURES OF BARE, HARD BEDROCK. THE TANAMA SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN CLAY SURFACE LAYER 4 INCHES THICK. THE SUBSOIL FROM 4 TO 16 INCHES IS REDDISH BROWN CLAY. HARD LIMESTONE IS AT 16 INCHES.

Complejo estrato rocoso-Tanama, 12-60 por ciento de inclinacion. Este complejo consiste de areas poco profundas a la piedra caliza dura, bien drenadas, con alrededor de 65 por ciento de estrato rocoso, 30 por ciento de suelos Tanama y 5 por ciento de otros suelos. Los suelos Tanama son ligeramente acidos a neutrales, de textura fina, riscosos a muy riscosos, con permeabilidad y erosion moderada. La capacidad de retencion de agua es baja, son dificiles de trabajar, con grava, guijarros y estratos de piedra caliza en la superficie. La escorrentia es rapida y la fertilidad es baja.

SaB - Sabana Seca Clay, 2 To 5 Percent Slopes

THE SABANA SERIES CONSISTS OF VERY DEEP, POORLY DRAINED SOILS IN COASTAL PLAINS. THEY FORMED IN IRON RICH CLAYEY SEDIMENTS. TYPICALLY THESE SOILS HAVE VERY DARK GRAYISH BROWN, CLAY SURFACE LAYER 10 INCHES THICK. THE UNDERLYING LAYER IS DARK GRAYISH BROWN CLAY. THE UPPER SUBSOIL IS GRAY CLAY. THE LOWER SUBSOIL TO 70 INCHES IS WHITE CLAY.

Sabana Seca arcilloso, 2-5 por ciento de inclinacion. Suelo profundo, mal drenado, muy fuertemente acido, textura fina, suavemente inclinado, permeabilidad muy lenta y erosion moderada. La capacidad de retencion de agua es alta, son dificiles de trabajar y su fertilidad es moderada. La escorrentia es lenta.

SgD - San German Gravelly Clay Loam, 5 To 20 Percent Slopes

THE SAN GERMAN SERIES CONSISTS OF SHALLOW WELL DRAINED SOILS ON SIDESLOPES AND HILLTOPS. THEY FORMED IN LOAMY MATERIALS WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE VERY DARK BROWN, COBBLY LOAM SURFACE LAYERS 2 INCHES THICK. THE UNDERLYING LAYER TO 10 INCHES IS BROWN, VERY GRAVELLY LOAM. BELOW THIS LAYER IS HARD LIMESTONE.

San German gravoso arcilloso lomico, 5-20 por ciento de inclinacion. Suelo muy poco profundo a la piedra caliza dura, bien drenado, moderadamente alcalino, textura fina, inclinado a moderadamente riscoso, con permeabilidad rapida y erosion moderada. La capacidad de retencion de agua es muy baja, son un poco dificil de trabajar y la fertilidad es moderada. La escorrentia es moderada.

Nontechnical Descriptions
Arecibo Area, Puerto Rico Northern Part

SgF - San German Gravelly Clay Loam, 20 To 60 Percent Slopes

THE SAN GERMAN SERIES CONSISTS OF SHALLOW WELL DRAINED SOILS ON SIDESLOPES AND HILLTOPS. THEY FORMED IN LOAMY MATERIALS WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE VERY DARK BROWN, COBBLY LOAM SURFACE LAYERS 2 INCHES THICK. THE UNDERLYING LAYER TO 10 INCHES IS BROWN, VERY GRAVELLY LOAM. BELOW THIS LAYER IS HARD LIMESTONE.

San German gravoso arcilloso lomico, 20-60 por ciento de inclinacion. Suelo muy poco profundo a la piedra caliza dura, bien drenado, moderadamente alcalino, textura fina, riscoso a muy riscoso, con permeabilidad rapida y erosion moderada. La capacidad de retencion de agua es muy baja, son un poco dificil de trabajar y la fertilidad es moderada. La escorrentia es rapida.

SmF - San Sebastian Gravelly Clay, 20 To 60 Percent Slopes

THE SAN SEBASTIAN SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN SIDESLOPES AND RIDGES. THEY FORMED IN GRAVELLY AND CLAYEY MATERIAL DERIVED FROM LIMESTONE. TYPICALLY, THESE SOILS HAVE DARK BROWN, GRAVELLY CLAY SURFACE LAYERS 4 INCHES THICK. THE SUBSOIL TO 14 INCHES IS STRONG BROWN, GRAVELLY CLAY. THE UNDERLYING LAYER TO 60 INCHES IS REDDISH YELLOW GRAVELLY CLAY.

San Sebastian gravoso arcilloso, 20-60 por ciento de inclinacion. Suelo profundo, bien drenado, textura fina, moderadamente alcalino, riscoso a muy riscoso, permeabilidad y erosion moderada. La capacidad de retencion de agua es alta y su fertilidad moderada. La escorrentia es rapida. Son dificiles de trabajar y tienen grava en todos los horizontes.

SnC - Santa Clara Clay, 2 To 12 Percent Slopes

THE SANTA CLARA SERIES CONSISTS OF MODERATELY DEEP, WELL DRAINED SOILS IN FOOTSLOPES AND LOW HILLS. THEY FORMED IN MATERIALS WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A VERY DARK GRAYISH BROWN SILTY CLAY LOAM SURFACE LAYER 6 INCHES THICK. THE SUBSOIL IS DARK YELLOWISH BROWN, SILTY CLAY TO 23 INCHES. THE SUBSTRATUM TO 30 INCHES IS YELLOW, SOFT LIMESTONE. BELOW THIS LAYER IS HARD LIMESTONE.

Santa Clara arcilloso, 2-12 por ciento de inclinacion. Suelo moderadamente profundo a la piedra caliza dura, bien drenado, de ligeramente acido a suavemente alcalino en el subsuelo, textura fina, inclinado, con permeabilidad y erosion moderada. La capacidad de retencion de agua y la escorrentia son moderadas. La fertilidad es de mediana a alta.

SoC - Soller Clay, 5 To 12 Percent Slopes

THE SOLLER SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A VERY DARK GRAY CLAY SURFACE LAYER 5 INCHES THICK. THE SUBSOIL FROM 5 TO 12 INCHES IS VERY DARK GRAYISH BROWN CLAY. THE SUBSTRATUM FROM 12 TO 26 INCHES IS WHITE, PARTIALLY WEATHERED LIMESTONE. HARD LIMESTONE IS AT 26 INCHES.

Soller arcilloso, 5-12 por ciento de inclinacion. Suelo moderadamente profundo a la piedra caliza, bien drenado, de neutral a suavemente alcalino, textura fina, fuertemente inclinado, con permeabilidad y erosion moderada. La capacidad de retencion de agua es baja. La escorrentia es moderada y la fertilidad de mediana a alta. El subsuelo tiene un alto potencial de expansion.

SoD - Soller Clay, 12 To 20 Percent Slopes

THE SOLLER SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A VERY DARK GRAY CLAY SURFACE LAYER 5 INCHES THICK. THE SUBSOIL FROM 5 TO 12 INCHES IS VERY DARK GRAYISH BROWN CLAY. THE SUBSTRATUM FROM 12 TO 26 INCHES IS WHITE, PARTIALLY WEATHERED LIMESTONE. HARD LIMESTONE IS AT 26 INCHES.

Soller arcilloso, 12-20 por ciento de inclinacion. Suelo moderadamente profundo a la piedra caliza, bien drenado, de neutral a suavemente alcalino, textura fina, moderadamente riscoso, con permeabilidad y erosion moderada. La capacidad de retencion de agua es baja. La escorrentia es rapida y la fertilidad de mediana a alta. El subsuelo tiene un alto potencial de expansion.

Nontechnical Descriptions
Arecibo Area, Puerto Rico Northern Part

SoF - Soller Clay, 20 To 60 Percent Slopes

THE SOLLER SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A VERY DARK GRAY CLAY SURFACE LAYER 5 INCHES THICK. THE SUBSOIL FROM 5 TO 12 INCHES IS VERY DARK GRAYISH BROWN CLAY. THE SUBSTRATUM FROM 12 TO 26 INCHES IS WHITE, PARTIALLY WEATHERED LIMESTONE. HARD LIMESTONE IS AT 26 INCHES.

Soller arcilloso, 20-60 por ciento de inclinacion. Suelo moderadamente profundo a la piedra caliza, bien drenado, de neutral a suavemente alcalino, textura fina, riscoso y muy riscoso, con permeabilidad y erosión moderada. La capacidad de retención de agua es baja. La escorrentía es rápida y la fertilidad de mediana a alta. El subsuelo tiene un alto potencial de expansión.

SpD - Soller Cobbly Clay, 12 To 20 Percent Slopes

THE SOLLER SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A VERY DARK GRAY CLAY SURFACE LAYER 5 INCHES THICK. THE SUBSOIL FROM 5 TO 12 INCHES IS VERY DARK GRAYISH BROWN CLAY. THE SUBSTRATUM FROM 12 TO 26 INCHES IS WHITE, PARTIALLY WEATHERED LIMESTONE. HARD LIMESTONE IS AT 26 INCHES.

Soller arcilloso guijarroso, 12-20 por ciento de inclinacion. Suelo moderadamente profundo a la piedra caliza dura fragmentada, bien drenado, textura fina, moderadamente alcalino, moderadamente riscoso, con permeabilidad y erosión moderada. La capacidad de retención de agua es baja, la fertilidad moderada y son un poco difícil de trabajar. La escorrentía es rápida. El subsuelo tiene un potencial de expansión alto.

SpF - Soller Cobbly Clay, 20 To 60 Percent Slopes

THE SOLLER SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A VERY DARK GRAY CLAY SURFACE LAYER 5 INCHES THICK. THE SUBSOIL FROM 5 TO 12 INCHES IS VERY DARK GRAYISH BROWN CLAY. THE SUBSTRATUM FROM 12 TO 26 INCHES IS WHITE, PARTIALLY WEATHERED LIMESTONE. HARD LIMESTONE IS AT 26 INCHES.

Soller arcilloso guijarroso, 20-60 por ciento de inclinacion. Suelo moderadamente profundo a la piedra caliza dura fragmentada, bien drenado, textura fina, moderadamente alcalino, riscosos a muy riscosos, con permeabilidad y erosión moderada. La capacidad de retención de agua es baja, la fertilidad moderada y son un poco difícil de trabajar. La escorrentía es muy rápida.

SrF - Soller-Rock Outcrop Complex, 5 To 60 Percent Slopes

ROCK OUTCROP CONSISTS OF EXPOSURES OF BARE, HARD BEDROCK.

THE SOLLER SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A VERY DARK GRAY CLAY SURFACE LAYER 5 INCHES THICK. THE SUBSOIL FROM 5 TO 12 INCHES IS VERY DARK GRAYISH BROWN CLAY. THE SUBSTRATUM FROM 12 TO 26 INCHES IS WHITE, PARTIALLY WEATHERED LIMESTONE. HARD LIMESTONE IS AT 26 INCHES.

Complejo Soller-estrato rocoso, 5-60 por ciento de inclinacion. Este complejo consiste de áreas poco profundas a la piedra caliza dura, bien drenadas, con 60 por ciento de suelos Soller, 30 por ciento de estrato rocoso y 10 por ciento de otros suelos. Los suelos Soller son neutrales a suavemente alcalino, de textura fina, riscosos a muy riscosos, con permeabilidad y erosión moderada. La capacidad de retención de agua es baja, difícil de trabajar, con grava, guijarros y estratos de piedra caliza en la superficie. La escorrentía es de moderada a muy rápida. La fertilidad es de mediana a alta.

TaB - Tanama Clay, 2 To 5 Percent Slopes

THE TANAMA SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN CLAY SURFACE LAYER 4 INCHES THICK. THE SUBSOIL FROM 4 TO 16 INCHES IS REDDISH BROWN CLAY. HARD LIMESTONE IS AT 16 INCHES.

Tanama arcilloso, 2-5 por ciento de inclinacion. Suelo poco profundo a la piedra caliza dura, bien drenado, ligeramente ácido en la superficie y neutro en los horizontes inferiores, suavemente inclinado, con permeabilidad moderada y erosión leve. La escorrentía es lenta. La capacidad de retención de agua es baja, son un poco difícil de trabajar y la fertilidad es baja.

Nontechnical Descriptions
Arecibo Area, Puerto Rico Northern Part

TaC2 - Tanama Clay, 5 To 12 Percent Slopes, Eroded

THE TANAMA SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN CLAY SURFACE LAYER 4 INCHES THICK. THE SUBSOIL FROM 4 TO 16 INCHES IS REDDISH BROWN CLAY. HARD LIMESTONE IS AT 16 INCHES.

Tanama arcilloso, 5-12 por ciento de inclinacion, erodado. Suelo poco profundo a la piedra caliza dura, bien drenado, ligeramente acido en la superficie y neutro en los horizontes inferiores, inclinado, con permeabilidad moderada y erosión leve. La escorrentia es moderada. La capacidad de retención de agua es baja, son un poco difícil de trabajar y la fertilidad es baja.

TaD2 - Tanama Clay, 12 To 20 Percent Slopes, Eroded

THE TANAMA SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN CLAY SURFACE LAYER 4 INCHES THICK. THE SUBSOIL FROM 4 TO 16 INCHES IS REDDISH BROWN CLAY. HARD LIMESTONE IS AT 16 INCHES.

Tanama arcilloso, 12-20 por ciento de inclinacion, erodado. Suelo poco profundo a la piedra caliza dura, bien drenado, ligeramente acido en la superficie y neutro en los horizontes inferiores, moderadamente riscoso, con permeabilidad moderada y erosión leve. La escorrentia es rápida. La capacidad de retención de agua es baja, son un poco difícil de trabajar y la fertilidad es baja.

Tb - Tiburones Muck

THE TIBURONES SERIES CONSISTS OF VERY DEEP VERY POORLY DRAINED SOILS IN THE COASTAL LOWLANDS. THEY FORMED IN HIGHLY DECOMPOSED PLANT RESIDUES. TYPICALLY THESE SOILS HAVE BLACK, MUCK SURFACE LAYER TO 9 INCHES. BELOW THIS LAYER IS BLACK, MUCK TO 15 INCHES. THE UNDERLYING LAYERS ARE BLACK TO DARK BROWN MUCK TO 84 INCHES. RANGES FROM 0 TO 2 PERCENT.

Tiburones organico. Suelo profundo, mal drenado, de muy fuertemente acido a neutro, organico sobre lagunas naturales y areas de depresion, permeabilidad lenta, la retencion de humedad es alta, dificiles de trabajar y la fertilidad natural es alta. La escorrentia es lenta y el nivel freatico alto.

To - Toa Silty Clay Loam

THE TOA SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON FLOODPLAINS. THEY FORMED IN ALLUVIAL SEDIMENTS OF MIXED ORIGIN. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY LOAM SURFACE LAYER 8 INCHES THICK. A SUBSURFACE LAYER FROM 8 TO 17 INCHES IS DARK BROWN SILTY CLAY LOAM. THE SUBSOIL FROM 17 TO 29 INCHES IS DARK YELLOWISH BROWN SILTY CLAY LOAM. THE SUBSTRATUM FROM 29 TO 43 INCHES IS DARK BROWN SILTY CLAY LOAM AND FROM 43 TO 64 INCHES IS DARK YELLOWISH BROWN CLAY LOAM. SLOPES RANGE FROM 0 TO 2 PERCENT.

Toa limo arcilloso lomico, 0-2 por ciento de inclinacion. Suelo profundo, bien drenado, neutro, textura moderadamente fina y se encuentra en los llanos de aluvion. La permeabilidad es moderada y la capacidad de retención de agua es alta. La escorrentia es lenta y su fertilidad es alta. El contenido de materia organica es alto. Estos suelos se adaptan a la mayoría de los cultivos, pero se usan principalmente en cana de azucar. Los riesgos de inundacion y la poca resistencia al peso son las mayores limitaciones para usos no agricolas de estos suelos.

TP - Tropopsammets

TROPOPSAMMETS, HUMMOCKY CONSIST OF VERY DEEP, EXCESSIVELY DRAINED SOILS ALONG THE COAST. THEY FORMED IN SANDY SEDIMENTS ON RIDGES AND SMALL HILLS.

Dunas de arenas. Esta unidad consiste de suelos profundos, excesivamente drenados, de textura arenosa, de suave a moderadamente alcalino, calizas amontonadas por el viento en pequeñas montañas a lo largo de las costas. La permeabilidad es muy rápida y la capacidad de retención de agua es bien baja. La escorrentia es muy lenta y la fertilidad es muy baja. Estos suelos estan desprovistos de vegetacion, excepto algunos yerbajos, uvas playeras, cactus y especies de Ipomea. Estos suelos no tienen valor agricola. Tienen limitacion para usos no agricolas y se usan como fuente de arena para la construcción.

Nontechnical Descriptions
Arecibo Area, Puerto Rico Northern Part

Ur - Urban Land

URBAN LAND IS MOSTLY COVERED BY STREETS, PARKING LOTS, BUILDINGS AND OTHER STRUCTURES OF URBAN AREAS.

Terrenos urbanos. Esta unidad consiste de suelos donde hay proyectos urbanos, centro comerciales y areas industriales. Los suelos se limitan a los patios, parques y areas de recreacion. El color, textura y profundidad de estos suelos son variables. Estas areas se siembran en gramas, arboles frutales, de sombra, ornamentales, etc.

VaB - Vega Alta Sandy Clay Loam, 2 To 5 Percent Slopes

THE VEGA ALTA SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN COASTAL PLAINS. THEY FORMED IN CLAYEY SEDIMENTS. TYPICALLY THESE SOILS HAVE A DARK YELLOWISH BROWN, CLAY LOAM SURFACE LAYER 8 INCHES THICK. THE UPPER SUBSOIL TO 36 INCHES IS RED, BROWN, AND YELLOW CLAY. THE LOWER SUBSOIL TO 84 INCHES IS DARK RED, BROWN AND LIGHT GRAY CLAY.

Vega Alta arenoso arcilloso lomico, 2-5 por ciento de inclinacion. Suelos profundos, bien drenados, muy fuerte a extremadamente acidos, de textura moderadamente fina, permeabilidad moderada y erosión leve a moderada. La capacidad de retención de agua es alta. La escorrentía y fertilidad natural son moderadas.

VaC2 - Vega Alta Sandy Clay Loam, 5 To 12 Percent Slopes, Eroded

THE VEGA ALTA SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN COASTAL PLAINS. THEY FORMED IN CLAYEY SEDIMENTS. TYPICALLY THESE SOILS HAVE A DARK YELLOWISH BROWN, CLAY LOAM SURFACE LAYER 8 INCHES THICK. THE UPPER SUBSOIL TO 36 INCHES IS RED, BROWN, AND YELLOW CLAY. THE LOWER SUBSOIL TO 84 INCHES IS DARK RED, BROWN AND LIGHT GRAY CLAY.

Vega Alta arenoso arcilloso lomico, 5-12 por ciento de inclinacion, erodado. Suelos profundos, bien drenados, de muy fuerte a extremadamente acidos, textura moderadamente fina, son inclinados y con erosión moderada. La permeabilidad es moderada, la capacidad de retención de agua es alta y un poco difícil de trabajar cuando están mojados. La escorrentía y la fertilidad son moderadas.

VcB - Vega Alta Clay, 2 To 5 Percent Slopes

THE VEGA ALTA SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN COASTAL PLAINS. THEY FORMED IN CLAYEY SEDIMENTS. TYPICALLY THESE SOILS HAVE A DARK YELLOWISH BROWN, CLAY LOAM SURFACE LAYER 8 INCHES THICK. THE UPPER SUBSOIL TO 36 INCHES IS RED, BROWN, AND YELLOW CLAY. THE LOWER SUBSOIL TO 84 INCHES IS DARK RED, BROWN AND LIGHT GRAY CLAY.

Vega Alta arcilloso, 2-5 por ciento de inclinacion. Suelos profundos, bien drenados, fuerte a extremadamente acidos, de textura fina y permeabilidad moderada. La capacidad de retención de humedad es alta y son un poco difícil de trabajar cuando están mojados. La erosión es leve a moderada. La fertilidad y la escorrentía son moderadas.

VcC2 - Vega Alta Clay, 5 To 12 Percent Slopes, Eroded

THE VEGA ALTA SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN COASTAL PLAINS. THEY FORMED IN CLAYEY SEDIMENTS. TYPICALLY THESE SOILS HAVE A DARK YELLOWISH BROWN, CLAY LOAM SURFACE LAYER 8 INCHES THICK. THE UPPER SUBSOIL TO 36 INCHES IS RED, BROWN, AND YELLOW CLAY. THE LOWER SUBSOIL TO 84 INCHES IS DARK RED, BROWN AND LIGHT GRAY CLAY.

Vega alta arcilloso, 5-12 por ciento de inclinacion. Suelos profundos, bien drenados, de muy fuerte a extremadamente acidos y erosión moderada. La permeabilidad es moderada y la capacidad de retención de agua es alta. La escorrentía y fertilidad natural son moderadas. Estos suelos son difíciles de trabajar por la plasticidad y pegajosidad de la arcilla. La zona radicular es profunda.

Nontechnical Descriptions
Arecibo Area, Puerto Rico Northern Part

VeB - Vega Baja Clay, 2 To 5 Percent Slopes

THE VEGA BAJA SERIES CONSISTS OF VERY DEEP, SOMEWHAT POORLY DRAINED SOILS ON COASTAL PLAINS AND ALLUVIAL FANS. THEY FORMED IN CLAYEY SEDIMENTS. TYPICALLY THESE SOILS HAVE A DARK BROWN SILTY CLAY SURFACE LAYER 7 INCHES THICK. THE SUBSURFACE FROM 7 TO 17 INCHES IS DARK GRAYISH BROWN AND YELLOWISH BROWN SILTY CLAY. THE SUBSOIL FROM 17 TO 32 INCHES IS STRONG BROWN AND GRAY CLAY. FROM 32 TO 50 INCHES IS BROWNISH YELLOW AND LIGHT GRAY SILTY CLAY LOAM. THE SUBSTRATUM FROM 50 TO 60 INCHES IS LIGHT GRAY SILTY CLAY. SLOPES RANGE FROM 0 TO 5 PERCENT.

Vega Baja arcilloso, 2-5 por ciento de inclinacion. Suelo profundo, algo mal drenado, suavemente inclinado, textura fina, la reaccion es fuertemente acida en la superficie y neutral en los horizontes inferiores. La permeabilidad es lenta y la capacidad de retencion de agua es alta. La escorrentia es lenta y el subsuelo tiene un potencial de expansion moderado. Son fertiles y el contenido de materia organico es alto.

Vg - Vigia Muck

THE VIGIA SERIES CONSISTS OF VERY DEEP, VERY POORLY DRAINED SOILS IN COASTAL LOWLANDS. THEY FORMED IN HIGHLY DECOMPOSED PLANT RESIDUES OVER FINE TEXTURED MINERAL SEDIMENTS. TYPICALLY THESE SOILS HAVE A BLACK, MUCK SURFACE LAYER 18 INCHES THICK. BELOW THIS LAYER IS GRAY, YELLOWISH BROWN AND REDDISH BROWN CLAY TO 60 INCHES. SLOPES RANGE FROM 0 TO 2 PERCENT.

Vigia organico. Suelo profundo, mal drenado, ocupa areas bajas, acido, organico en la superficie y arcilloso en el subsuelo. La permeabilidad es moderada en la superficie y lenta en el subsuelo. La capacidad de retencion de agua es alta. La escorrentia es lenta.

Vm - Vivi Loam

THE VIVI SERIES CONSISTS OF VERY DEEP, EXCESSIVELY DRAINED SOILS ON FLOODPLAINS. THEY FORMED IN SEDIMENTS DERIVED FROM VOLCANIC ROCK. TYPICALLY THESE SOILS HAVE A VERY DARK GRAYISH BROWN LOAM SURFACE LAYER 7 INCHES THICK. THE SUBSOIL FROM 7 TO 14 INCHES IS DARK GRAYISH BROWN LOAM. THE SUBSTRATUM FROM 14 TO 20 INCHES IS DARK BROWN VERY FINE SANDY LOAM, FROM 20 TO 30 INCHES IS VERY DARK GRAYISH BROWN LOAM, FROM 30 TO 36 INCHES IS DARK GRAYISH BROWN SAND AND FROM 36 TO 60 INCHES IS DARK GRAYISH BROWN SANDY LOAM. SLOPES RANGE FROM 0 TO 2 PERCENT.

Vivi lomico. Suelo profundo, un poco excesivamente drenado, de muy fuertemente acido en la superficie y subsuelo a neutro en el sustrato, textura mediana y se encuentra en los llanos aluviales. La permeabilidad es de moderadamente rapida a rapida y la capacidad de retencion de agua es moderada a baja. Es facil de trabajar y la fertilidad alta.

VoC2 - Voladora Clay, 5 To 12 Percent Slopes, Eroded

THE VOLADORA SERIES CONSISTS OF DEEP, WELL DRAINED SOILS IN TERRACES AND SIDESLOPES. THEY FORMED IN CLAYEY AND LOAMY MATERIALS WEATHERED FROM CONGLOMERATE ROCK. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN CLAY SURFACE LAYER 8 INCHES THICK. THE SUBSOIL IS DARK REDDISH BROWN CLAY. THE LOWER SUBSOIL IS DARK RED CLAY LOAM. THE SUBSTRATUM TO 48 INCHES IS CLAY LOAM WITH HIGHLY WEATHERED CONGLOMERATE.

Voladora arcillosa, 5-12 por ciento de inclinacion. Suelo profundo, bien drenado, textura arcillosa, fuertemente inclinado, fuertemente acido en la superficie y extremadamente acido en el subsuelo. La permeabilidad es moderada y la capacidad de retencion de agua es alta. La escorrentia y su fertilidad natural moderadas.

VoD2 - Voladora Clay, 12 To 20 Percent Slopes, Eroded

THE VOLADORA SERIES CONSISTS OF DEEP, WELL DRAINED SOILS IN TERRACES AND SIDESLOPES. THEY FORMED IN CLAYEY AND LOAMY MATERIALS WEATHERED FROM CONGLOMERATE ROCK. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN CLAY SURFACE LAYER 8 INCHES THICK. THE SUBSOIL IS DARK REDDISH BROWN CLAY. THE LOWER SUBSOIL IS DARK RED CLAY LOAM. THE SUBSTRATUM TO 48 INCHES IS CLAY LOAM WITH HIGHLY WEATHERED CONGLOMERATE.

Voladora arcilloso, 12-20 por ciento de inclinacion, erodido. Suelo profundo, bien drenado, textura arcillosa, moderadamente riscoso, fuertemente acido en la superficie y extremadamente acido en el subsuelo. La permeabilidad es moderada y la capacidad de retencion de agua es alta. La escorrentia y su fertilidad natural son moderadas.

Nontechnical Descriptions
Arecibo Area, Puerto Rico Northern Part

VoE2 - Voladora Clay, 20 To 40 Percent Slopes, Eroded

THE VOLADORA SERIES CONSISTS OF DEEP, WELL DRAINED SOILS IN TERRACES AND SIDESLOPES. THEY FORMED IN CLAYEY AND LOAMY MATERIALS WEATHERED FROM CONGLOMERATE ROCK. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN CLAY SURFACE LAYER 8 INCHES THICK. THE SUBSOIL IS DARK REDDISH BROWN CLAY. THE LOWER SUBSOIL IS DARK RED CLAY LOAM. THE SUBSTRATUM TO 48 INCHES IS CLAY LOAM WITH HIGHLY WEATHERED CONGLOMERATE.

Voladora arcilloso, 20-40 por ciento de inclinacion, erodado. Suelo profundo, bien drenado, textura arcillosa, riscoso, fuertemente acido en la superficie y extremadamente acido en el subsuelo. La permeabilidad es moderada y la capacidad de retencion de agua es alta. La escorrentia es rapida y su fertilidad natural moderada.